AP-1

Marathon Oil Company

C.W. Cavette #1

ARTIFICIAL PENETRATION (AP) SCHEMATIC

Plant: OG&E
Map ID #: AP-1
Orig. Operator: Marathon
Curr. Operator: --
Lease / Well #: C.W Cavette Unit #1
Location: Sec.4-9N-4W
TD: 9,990 ft.
Date Drilled: 10/1966
Drilling Method: Rotary

API: 087-20013

Status: D & A
Date Plugged: 10/4/1966
Distance to WDW-1: 3,592 ft.

Drawing not to scale

Map I.D. #: AP-1

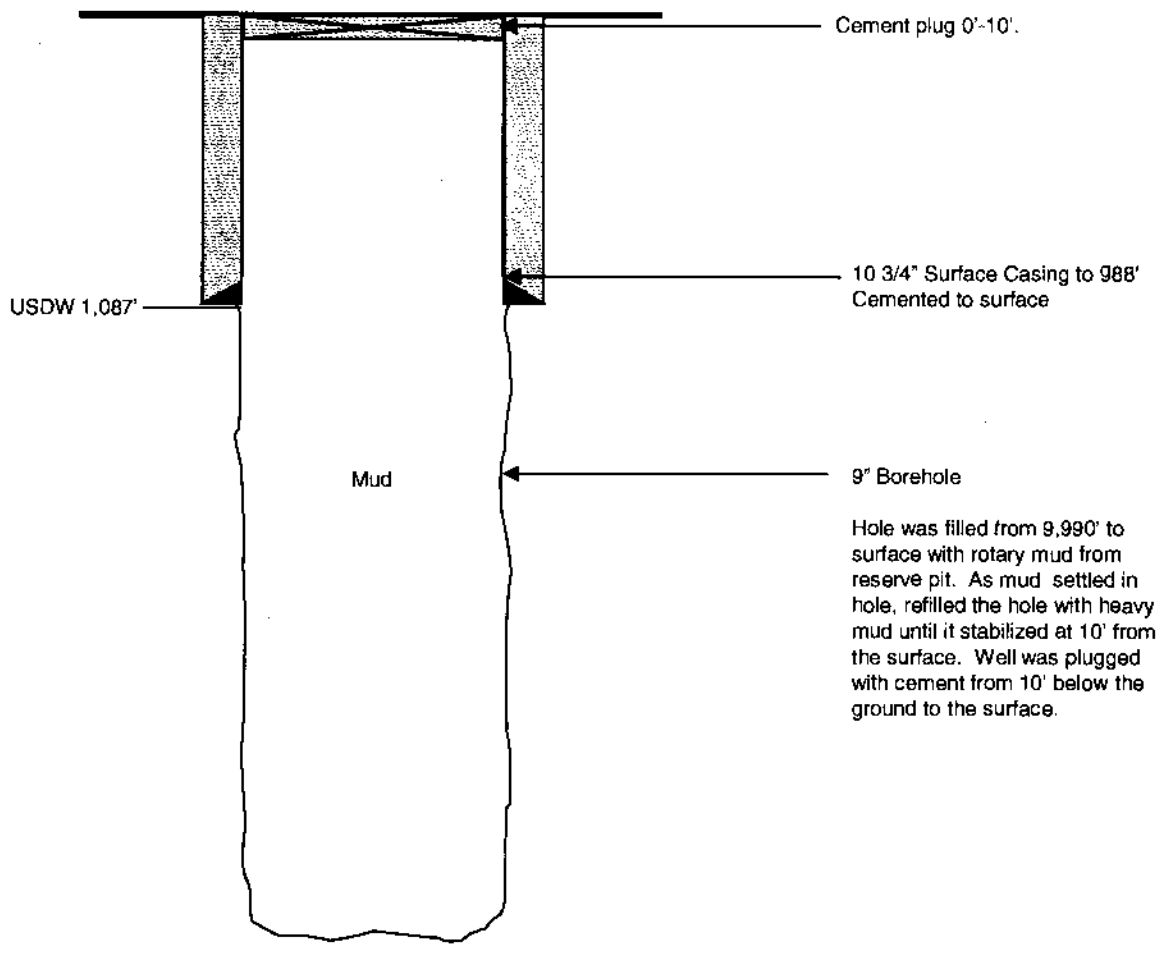


Illustration recreated by: ESSJ, Sandia 4/2012

(Mail to Corporation Commission Oklahoma City Oklahoma)

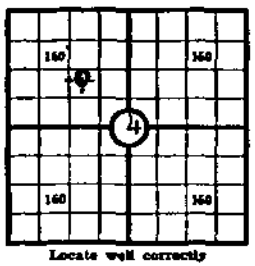
Form 1002A

OKLAHOMA CORPORATION COMMISSION

OIL AND GAS CONSERVATION DEPARTMENT

API 017-20013

WELL RECORD



Locate well correctly

COUNTY McClain SEC 4 TWP 9N RGE 4W

COMPANY OPERATING Marathon Oil Company

OFFICE ADDRESS P. O. Box 460, Chickasha, Okla.

FARM NAME C. W. Cavett Unit WELL NO 1

DRILLING STARTED 4-20 1966 DRILLING FINISHED 5-30 1966

DATE OF FIRST PRODUCTION Dry COMPLETED D&A 5-31-66

WELL LOCATED NW ¼ ¼ ¼ 1170' North of South Line and 1420' ft East of West Line of Quarter Section

Elevation (Relative to sea level) DERRICK FLOOR 1260 GROUND 1249

CHARACTER OF WELL (Oil gas or dryhole) Dry hole

OIL OR GAS SANDS OR ZONES

	Name	From	To		Name	From	To
1	None			4			
2				5			
3				6			

Perforating Record If Any

Formation	From	To	No of Shots

Shot Record

Formation	From	To	Size of Shot

CASING RECORD

Amount Set Size	Wt	Thds	Make	Ft	In	Ft	In	Amount Pulled Size	Length	Packer Record Depth Set	Make
10-3/4	40.5	8rd		988				None			

Liner Record Amount Kind Top Bottom

CEMENTING AND MUDDING

Size	Amount Set Ft	In	Sacks Cement	Chemical Gal	Make	Method of Cementing	Amount	Mudding Method	Results (See Note)
10-3/4	988'		650			Halliburton			

Note What method was used to protect sands if outer strings were pulled?

NOTE Were bottom hole plugs used? If so state kind depth set and results obtained

TOOLS USED

Rotary Tools were used from 0 feet to 9990 Cable tools were used from feet to feet and from feet to feet and from feet to

Type Rig National B-80 w/Lee C. Moore Jack Knife Derrick

INITIAL PRODUCTION TEST

Describe initial test whether by flow through tubing or casing or by pumping

Amount of Oil Production bbls Size of choke if any Length of test Water Production bbls Gravity of oil Type of Pump if pump is used describe

FARM NAME C. W. Cavett Unit WELL NO 1 COUNTY McClain . SEC. 4 . TWP 9N . RGE. 4W

FORMATION RECORD

Give detailed description and thickness of all formations drilled through contents of sand whether dry water oil or gas

Formation	Top	Bottom	Formation	Top	Bottom
Red Beds	0	995			
Sh & sd	995	4333			
Sh & ls	4333	5834			
Sh & sd	5834	6090			
Sd, ls & sh	6090	6750			
Sh	6750	7932			
Sh & sd	7932	8123			
Oswego Ls	8123	8147			
Ls & sh, sd	8147	8466			
Hart Sd	8466	8546			
Ls & sh	8546	8620			
Woodford Sh	8620	8764			
Hunton Ls	8764	9064			
Sylvan Sh	9064	9200			
Viola Ls	9200	9604			
Massive Bromide Sd	9604	9859			
Tulip Creek Sh	9859	9925			
Tulip Creek Sd	9925	9990	TD		

D & A

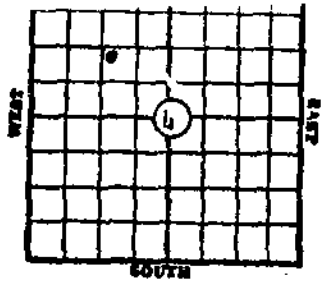
RECEIVED
CONSERVATION DEPARTMENT
JUL 1 1966
OKLAHOMA CORPORATION COMMISSION

I the undersigned being first duly sworn upon oath state that this well record is true correct and complete according to the records of this office and to the best of my knowledge and belief

Dale Caddy Dale Caddy, Area Supt.
Name and title of representative of company

Subscribed and sworn to before me this 3rd day of June 1966

My Commission expires 4-5-69 C. W. Harvey Notary Public



Locate Well Correctly

Oil and Gas Conservation Department
Oklahoma City, Oklahoma

NOTICE: All questions on this form must be satisfactorily answered.

Company Operating Marathon Oil Company

Office Address P. O. Box 460 - Chickasha, Oklahoma - 73018

County McClain Sec. 4 Twp. 9 S. Range 4 W

Location in Section NW ¼ NW ¼ SE ¼ NW ¼

Farm Name C. W. Cavett Unit Well No. 1 Field Wildcat Castle

Character of Well (whether oil, gas or dry) Dry

Commenced Plugging May 30, 1966 Finished October 4, 1966 Total Depth 9990'

Was permission obtained from the Corporation Commission or its agents before plugging was commenced Yes

Name of Conservation Officer who supervised plugging of this well Roy Dunn

Name of producing sand None Depth top ____ Bottom 9990'

Show depth and thickness of all fresh water, oil and gas formations.

SAND OR ZONE RECORDS				CASING RECORDS		
FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
d Beds		0'	995'	10-3/4	971.88'	None
ngo Ls.	Dry	8123'	8347'			
rt Sand	Dry	8466'	8546'			
nton Lime	Dry	8764'	9061'			
loa Lime	Dry	9200'	9604'			
sive Bromide Sand	Dry	9604'	9859'			
in Creek Sand	Dry	9935'	9990'			

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed:

Filled hole from 9990' TD to surface with rotary mud from reserve pit. As mud settled in hole, it was re-filled with heavy rotary mud until it stabilized at 10' from the surface. Well was plugged with cement from 10' below the ground level to surface.

Does the above conform strictly to the oil and gas regulations? Yes

The Law requires that adjacent lease, and land-owners be notified; give their names with their addresses below:

REMARKS: Why plugged? Dry If abandoned oil or gas well, state amount and date of last production

Correspondence regarding this well should be addressed to Marathon Oil Company

Address P. O. Box 460 - Chickasha, Oklahoma - 73018

I, the undersigned, being first duly sworn upon oath, state that this well record is correct and complete according to the records of this office and to the best of my knowledge and belief.

16-1

COUNTY McClain, SEC. 4 TWP. 9N RGE. [illegible]

COMPANY OPERATING Marathon Oil Company

OFFICE ADDRESS P. O. Box 460, Chickasha, Okla.

FARM NAME C. W. Cavett Unit WELL NO. 1

DRILLING STARTED 4-20 1966 DRILLING FINISHED 5-30 19 66

DATE OF FIRST PRODUCTION Dry COMPLETED D&A 5-31-66

WELL LOCATED [illegible] ¼ ¼ ¼ 1170' North or South Line and 1420' ft. East or West Line of Quarter Section

Elevation (Relative to sea level) DERRICK FLOOR 1250 GROUND 1249

CHARACTER OF WELL (Oil, gas or dryhole) Dry hole

Locate well correctly

Formation	Top	Bottom	Remarks
Red Beds	0	995	
Sh & sd	995	4333	
Sh & Ls	4333	5834	
Sh & sd	5834	6090	
Sd, ls & sh	6090	6750	
Sh	6750	7932	
Sh & sd	7932	8123	
Oswego Ls	8123	8147	
Ls & sh, sd	8147	8466	
Hart Sd	8466	8546	
Ls & sh	8546	8620	
Woodford Sh	8620	8764	
Hunton Ls	8764	9064	
Sylvan Sh	9064	9200	
Viola Ls	9200	9604	
Massive Bromide Sd	9604	9859	
Tulip Creek Sh	9859	9925	
Tulip Creek Sd	9925	9990	TD

OIL OR GAS SANDS OR ZONES

	Name	From	To		Name	From	To
1	None			4			
2				5			
3				6			

Perforating Record If Any / Shot Record

Formation	From	To	No. of Shots	Formation	From	To	Size of Shot

CASING RECORD

Size	Wt.	Thds	Make	Amount Set Ft.	In.	Ft.	In.	Amount Pulled Size	Length	Packer Record Depth Set	Make
10-3/4	40.5	8rd		383				None			

Liner Record Amount ____ Kind ____ Top ____ Bottom ____

CEMENTING AND MUDDING

Size	Amount Set Ft.	In.	Sacks Cement	Chemical Gal.	Make	Method of Cementing	Amount	Mudding Method	Results (See Note)
10-3/4	383'		650			Halliburton			

Note: What method was used to protect sands if outer strings were pulled? ____

NOTE: Were bottom hole plugs used? ____ If so, state kind, depth set and results obtained ____

TOOLS USED

Rotary tools were used from 0 feet to 9990 Cable tools were used from ____ feet to ____ feet and from ____ feet to ____ feet and from ____ feet to ____

Type Rig National 8-BC w/Lee C. Moore Jack Knife Derrick

INITIAL PRODUCTION TEST

Describe initial test; whether by flow through tubing or casing or by pumping ____

Amount of Oil Production ____ bbls. Size of choke, if any ____ Length of test ____ Water Production ____ bbls. Gravity of oil ____ Type of Pump if pump is used, describe ____

I, the undersigned, being first duty sworn upon oath, state the [illegible] complete according to the records of this office and to the best of [illegible]

[signature]

Name of [illegible]

Subscribed and sworn to before me this 3[illegible] day of [illegible]

My Commission Expires 4-5-69

FARM NAME C. W. Cavett Unit WELL NO. 1 COUNTY McClain SEC. 4 TWP. 9N

RECEIVED

FORM NO 1003

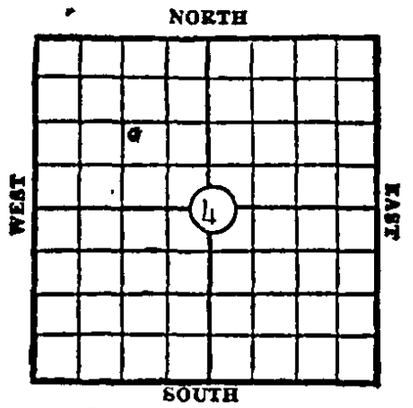
P66-02847

0 0 1 5 0 0 4 0 0 0 4

PLUGGING RECORD

Mail To
OKLAHOMA CORPORATION COMMISSION
Oil and Gas Conservation Department
Oklahoma City, Oklahoma

640 Acres



Locate Well Correctly

NOTICE All questions on this form must be satisfactorily answered.

Company Operating Marathon Oil Company

Office Address P. O. Box 460 - Chickasha, Oklahoma - 73018

County McClain Sec. 4 Twp. 9 N Range 4 W

Location in Section NW ¼ NW ¼ SE ¼ NW ¼

Farm Name C. W. Cavett Unit Well No. 1 Field NW New-Castle

Character of Well (whether oil, gas or dry) Dry

Commenced Plugging May 30, 1966 Finished October 4, 1966 Total Depth 9990'

Was permission obtained from the Corporation Commission or its agents before plugging was commenced Yes

Name of Conservation Officer who supervised plugging of this well Roy Munn

Name of producing sand None Depth top ---, Bottom 9990'

Show depth and thickness of all fresh water, oil and gas formations.

SAND OR ZONE RECORDS				CASING RECORDS		
FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Red Beds		0'	995'	10-3/4	971.88'	None
Oswego Ls.	Dry	8123'	8147'			
Hart Sand	Dry	8466'	8546'			
Hunton Lime	Dry	8764'	9064'			
Viloa Lime	Dry	9200'	9604'			
Massive Bromide Sand	Dry	9604'	9859'			
Tulip Creek Sand	Dry	9925'	9990'			

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the methods used in introducing it into the hole If cement or other plugs were used, state the character of same and depth placed

Filled hole from 9990' TD to surface with rotary mud from reserve pit. As mud settled in hole, it was re-filled with heavy rotary mud until it stabilized at 10' from the surface.

Well was plugged with cement from 10' below the ground level to surface.

Does the above conform strictly to the oil and gas regulations? Yes

The Law requires that adjacent lease, and land-owners be notified; give their names with their addresses below

REMARKS: Why plugged? Dry If abandoned oil or gas well, state amount and date of last production

RECEIVED
CONSERVATION DEPART.
OCT 17 1966
OKLA. CORPORATION COMMISSION

Correspondence regarding this well should be addressed to Marathon Oil Company

Address P. O. Box 460 - Chickasha, Oklahoma - 73018

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Dale Caddy Area Supt.
Name and title of representative of company

Subscribed and sworn to before me this the 13th day of October, 19 66

Commission expires 4-5-69

C W Harvey
Notary Public

OG 1

4-9N-4W

FILING No. 0-104447

COUNTY	MC CLAIN
FIELD or LOCATION	SEC. 4-9N-4W
WELL	C.W. CAVETT UNIT #1
COMPANY	MARATHON OIL CO.

SCHLUMBERGER

DUAL INDUCTION · LATEROLOG

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COMPANY MARATHON OIL COMPANY

WELL C.W. CAVETT UNIT #1

FIELD NEWCASTLE

COUNTY MC CLAIN STATE OKLAHOMA

LOCATION 1170'NBL & 1420'EWL

Sec. 4 Twp. 9N Rge. 4W

Other Services: BS-GR & FIT

Permanent Datum: GL, Elev. 1249.2
Log Measured From KB, 12.8 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 1262
D.F. 1260
G.L. 1249

Date	5-30-66			
Run No.	ONE			
Depth—Driller	9990			
Depth—Logger	9981			
Btm. Log Interval	9977			
Top Log Interval	985			
Casing—Driller	10 3/4 @ 988	@	@	@
Casing—Logger	985			
Bit Size	9 7/8			
Type Fluid in Hole	SALT GEL W/ CAUST. C			
Dens. Visc.	10 72			
pH Fluid Loss	10 6.2 ml	ml	ml	ml
Source of Sample	FLOW LINE TD			
R_m @ Meas. Temp.	.06 @ 95 °F	SEE @ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	.04 @ 96 °F	REMARKS °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	.079 @ 91 °F	@ °F	@ °F	@ °F
Source: R_{mf} R_{mc}	MP MP			
R_m @ BHT	.035 @ 145 °F	@ °F	@ °F	@ °F
Time Since Circ.	4 HOURS			
Max. Rec. Temp.	145 °F	°F	°F	°F
Equip. Location	4574 SH			
Recorded By	STREET			
Witnessed By	BECHTEL, LOVY			

Riley
ELECTRIC LOG
[illegible] ROBERT S. KERR AVENUE
OKLAHOMA CITY 2, OKLAHOMA
PHONE [illegible]

FOLD HERE

REMARKS

Changes in Mud Type or Additional Samples
Date Sample No.
Depth—Driller
Type Fluid in Hole
Dens. Visc.
pH Fluid Loss ml
Source of Sample
R_m Meas. Temp. °F °F
R_{mf} Meas. Temp. °F °F
R_{mc} Meas. Temp. °F °F
Source R_{mf} R_{mc} MP MP
R_m BHT .039 @ 145 °F °F
R_{mf} BHT .026 @ 145 °F °F
R_{mc} BHT [illegible] @ 145 °F °F

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data

Run No.	Tool Type	Tool Position	Other
ONE	DIL		

C.D. [illegible] S.O. [illegible]
Equip. Used Cart. No. [illegible]
Panel No. [illegible]
Sonde No. [illegible]
IAP No. HMP [illegible]
SBR = 2

ADDITIONAL MUD SAMPLES

	9185		9490		[illegible]		[illegible]	
RM =	1.73	95	.06	95	.052	95	[illegible]	[illegible]
RMF =	.58	95	.059	97	.04	[illegible]	.039	[illegible]
RMC =	1.16	96	.11	96	0	95	.06	[illegible]

[illegible] SAMPLES [illegible]
[illegible] 8700-[illegible]
5665-5685 9601-9603
[illegible] .025 145

Check one, filling in blanks where applicable.
☐ Surface determined sonde errors used for ILM and ILD
☐ ILM and ILD sonde errors corrected for inch borehole signal at R_m
☒ ILM and ILD zeros set in hole at depth of 94[illegible] feet