

AP-4

An-Son Corporation

Banta-McCulloch #1

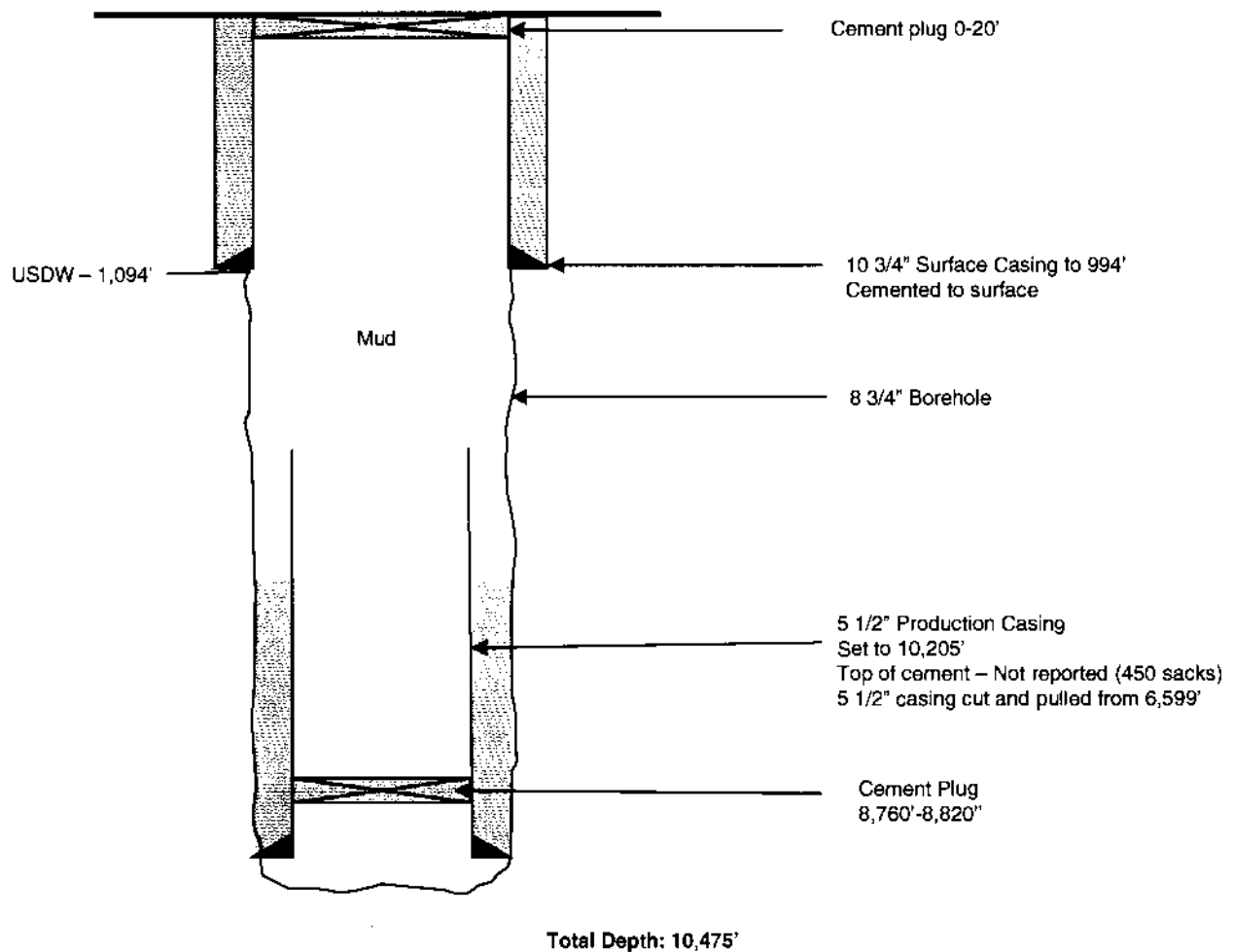
ARTIFICIAL PENETRATION (AP) SCHEMATIC

Plant: OG&E
Map ID #: AP-4
Orig. Operator: An-Son Corp.
Curr. Operator:
Lease / Well #: Banta-McCulloh #1
Location: Sec. 4-9N-4W
TD: 10,475 ft.
Date Drilled: 12/1965
Drilling Method: Rotary

API: 087-30009
Status: P & A
Date Plugged: 12/2/1966
Distance to WDW-1: 1,976 ft.

Map I.D. #: AP-4

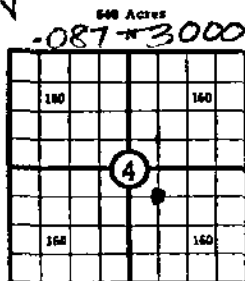
Drawing not to scale



Form 1002A

(Mail to Corporation Commission, Oklahoma City, Oklahoma)
OKLAHOMA CORPORATION COMMISSION
 OIL AND GAS CONSERVATION DEPARTMENT

WELL RECORD



Locate well correctly

COUNTY **McClain** SEC **4** TWP **9 N** RGE **4W**
 COMPANY OPERATING **An-Son Corporation**
 OFFICE ADDRESS **3814 N. Santa Fe**
 FARM NAME **Banta-McCulloh** WELL NO **1**
 DRILLING STARTED **10-10-65** DRILLING FINISHED **12-6-65**
 DATE OF FIRST PRODUCTION **12-15-65** COMPLETED **1-24-66**
 WELL LOCATED **C 1/4 NW 1/4 SE 1/4 1980** North of South
 Line and **660** ft East of West Line of Quarter Section
 Elevation (Relative to sea level) **DERRICK FLOOR 1250 GROUND 1239**
 CHARACTER OF WELL (Oil gas or dryhole) **Gas**

OIL OR GAS SANDS OR ZONES

| Name | From | To | Name | From | To |
|---------------|-------|-------|------|------|----|
| 1 Bromide | 9620 | 9852 | 4 | | |
| 2 Tulip Creek | 9852 | 9998 | 5 | | |
| 3 Oil Creek | 10231 | 10430 | 6 | | |

Perforating Record If Any

| Formation | From | To | No. of Shots | Formation | From | To | Size of Shot |
|-------------|------|------|--------------|-----------|------|----|--------------|
| Bromide | 9624 | 9646 | 44 | | | | |
| Tulip Creek | 9940 | 9951 | 22 | | | | |

CASING RECORD

| Amount Set | | | | | | Amount Pulled | | | | Packer Record | |
|------------|----|------|--------|-------|----|---------------|----|------|--------|---------------|------|
| Size | Wt | Thds | Make | Ft | In | Ft | In | Size | Length | Depth Set | Make |
| 10-3/4 | 32 | 8 | SS | 994 | | | | | | | |
| 5-1/2 | 17 | 8 | J-N-SS | 10206 | | | | | | | |

Liner Record Amount _____ Kind _____ Top _____ Bottom _____

CEMENTING AND MUDDING

| Size | Amount Set | | Sacks Cement | Chemical | | Method of Cementing | Amount | Mudding Method | Results (See Note) |
|--------|------------|----|--------------|----------|------|---------------------|--------|----------------|--------------------|
| | Ft | Wt | | Gal | Make | | | | |
| 10-3/4 | 994 | | 650 | 2% | CaCl | Pump | 4% | Gel | |
| 5-1/2 | 10206 | | 450 | 18% | Salt | Pump | | | |

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 **10,475** feet for completion
 _____ feet and from _____ feet to _____ feet and from _____ feet to _____ feet

Type Rig **Rotary**

INITIAL PRODUCTION TEST

Describe initial test whether by flow through tubing or casing or by pumping **Bromide formation flowing**

Amount of Oil Production _____ bbls Size of choke if any _____ Length of test _____ Water _____

Production _____ bbls Gravity of oil _____ Type of Pump _____ pump or test character _____

AOPF 9.8 MMCF, 33 bbls condensate/MMCF SI BHP 4096# PSIG

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 |
|--------------------|------|--------|----------------|-------|--------|
| Surf. gravel, clay | 0 | 1000 | Lime & shale | 7260 | 7310 |
| Sd, Shi, Lm | 1000 | 1600 | Shale & Lime | 7310 | 7470 |
| Sandy Shale | 1600 | 2140 | Lime | 7470 | 7490 |
| Shale | 2140 | 2230 | Shale | 7490 | 8136 |
| Sand | 2230 | 2240 | Lime & Shale | 8136 | 8200 |
| Shale | 2240 | 2325 | Lime & Sand | 8200 | 8250 |
| Shale & Sand | 2325 | 2470 | Limey shale | 8250 | 8480 |
| Sand | 2470 | 2490 | Sand | 8480 | 8520 |
| Shale & Sand | 2490 | 2790 | Shale | 8520 | 8646 |
| Sand | 2790 | 2830 | Mayes Lime | 8646 | 8679 |
| Shale & Sand | 2830 | 3070 | Woodford Shale | 8679 | 8805 |
| Lm, Sd, Shi. | 3070 | 3140 | Hunton Lime | 8805 | 9094 |
| Sandy shale | 3140 | 3460 | Sylvan | 9094 | 9217 |
| Sand | 3460 | 3480 | Viola Lime | 9217 | 9520 |
| Shale | 3480 | 3625 | Simpson Dense | 9520 | 9620 |
| Sand | 3625 | 3645 | Massive Sand | 9620 | 9852 |
| Shale | 3645 | 3805 | Tulip Creek | 9852 | 9998 |
| Sand | 3805 | 3825 | McLish | 9998 | 10231 |
| Shale & Lime | 3825 | 4500 | Oil Creek | 10231 | 10430 |
| Sandy Shale | 4500 | 4560 | Joins | 10430 | 10475 |
| Shi, Sd, Lm | 4560 | 4730 | T.D. | | |
| Sandy shale | 4730 | 4925 | | | |
| Shale | 4925 | 5000 | | | |
| Shale & Sand | 5000 | 5050 | | | |
| Sandy Shale | 5050 | 5165 | | | |
| Lime & shale | 5165 | 5210 | | | |
| Sandy shale | 5210 | 5290 | | | |
| Sand | 5290 | 5310 | | | |
| Shale | 5310 | 5460 | | | |
| Sandy shale | 5460 | 5780 | | | |
| Lime & shale | 5780 | 6330 | | | |
| Shaley Sand | 6330 | 6460 | | | |
| Shaley Lime | 6460 | 6510 | | | |
| Sand | 6510 | 6540 | | | |
| Shale, SD, Lm. | 6540 | 6750 | | | |
| Shale | 6750 | 7260 | | | |

RECEIVED
 CONSERVATION DEPARTMENT
 MAR 11 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.

Raymond Price
 Name and title of representative of company
Raymond Price - Prod. Mgr.
 day of **March** 1966
Virginia J. Sullivan
 Notary Public

Subscribed and sworn to before me this **10th** day of **March** 1966
 My Commission expires **1-28-69**

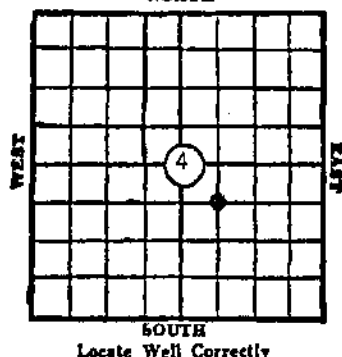
P66-03501

0 0 1 5 0 0 4 0 0 0 4
640 Acres
NORTH

PLUGGING RECORD

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

NOTICE All questions on this form must be satisfactorily answered.

Company Operating An-Son CorporationOffice Address 3814 N. Santa Fe, Okla. City, OklahomaCounty McClain Sec. 4 Twp. 9 N. Range 4 W.Location in Section Center $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ Farm Name Santa McCulloh Well No. 1 Field NewcastleCharacter of Well (whether oil, gas or dry) GasCommenced Plugging 10-5-66 Finished 12-2-66 Total Depth 10,475Was permission obtained from the Corporation Commission or its agents before plugging was commenced. YesName of Conservation Officer who supervised plugging of this well Mr. Roy MunnName of producing sand Bromide Depth top 9620 Bottom 9852

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 |
|-------------|---------|--------|--------|--------|--------|------------|
| Bromide | Gas | 9620 | 9852 | 10-3/4 | 994 | None |
| Tulip Creek | Dry | 9852 | 9998 | 5-1/2 | 10,206 | 6599' |
| Dill Creek | Dry | 10,231 | 10,430 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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.

10-6-66 Pumped a 10 sack plug to 8760'. Shot casing at 6531' & 6760'.11-14-66 Pulled 207 lbs. of 5-1/2" keeping hole filled with heavy mud until formations ceased to take fluid.12-2-66 Placed a 5 sack cement plug in the top of the surface pipe.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

Edwin L. Cox - 3800 first National Bank Bldg., Dallas, TexasSuperior Oil Company, P. O. Box 1900, Midland, TexasMarathon Oil Company, P. O. Box 460 - Chickasha, OklahomaREMARKS Why plugged? Dry If abandoned oil or gas well, state amount and date of last productionCorrespondence regarding this well should be addressed to An-Son Corporation3814 North Santa FeAddress Oklahoma City, Oklahoma

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

Name and title of representative of company
Raymond Price, Production ManagerSubscribed and sworn to before me this the 14th day of December, 19 66Commission expires 1/28/69

Notary Public

SCHLUMBERGER**DUAL INDUCTION LATEROLOG**SCHLUMBERGER WELL SURVEYING CORPORATION
Houston Texas

COUNTY MC CLAIN
 FIELD or LOCATION SEC. 4-9N-4W
BANTA-MC CULLOH #1
 WELL BANTA-MC CULLOH #1
 COMPANY AN-SON CORPORATION

COMPANY AN-SON CORPORATIONWELL BANTA-MC CULLOH #1FIELD WILDCATCOUNTY MC CLAIN STATE OKLAHOMALOCATION C NW SEOther Services:
BS-GR
CSec. 4 Twp. 9N Rge. 4W
 Permanent Datum: GL Elev. 1239
 Log Measured From KB 13 Ft. Above Perm. Datum
 Drilling Measured From KB

 Elev.: K.B. 1252
D.F. 1250
G.L. 1239

| | | | | | | |
|-----------------------------|---------------------------------|---------|----|----|----|----|
| Date | 12-6-65 | | | | | |
| Run No. | ONE | | | | | |
| Depth-Driller | 10456 | | | | | |
| Depth-Logger | 10475 | | | | | |
| lim. Log Interval | 10471 | | | | | |
| Top Log Interval | 992 | | | | | |
| Casing-Driller | 103/4@ | 994 | @ | @ | @ | @ |
| Casing-Logger | 992 | | | | | |
| Bit Size | 8 3/4" | | | | | |
| Type Fluid in Hole | GEL - 1% GEL, SODA ASH, LIGNITE | | | | | |
| Dens. | 9.9 | 130 | | | | |
| Visc. | 10 | 4.2 ml | ml | ml | ml | ml |
| pH | Fluid Loss | | | | | |
| Source of Sample | FL CUL LINE | | | | | |
| R ₁ @ Mean Temp. | .04 | 652 °F | @ | *F | @ | *F |
| R ₂ @ Mean Temp. | .84 | 670 °F | @ | *F | @ | *F |
| R ₃ @ Mean Temp. | 1.2 | 687 °F | @ | *F | @ | *F |
| Sources R ₁ | MP | MP | @ | *F | @ | *F |
| R ₄ @ 100' | .45 | 6142 °F | @ | *F | @ | *F |
| Time Since Circ. | 3:34 HRS. | | | | | |
| Mean. Rec. Temp. | 142 | °F | | *F | | *F |
| Depth / Location | 4574 / SH | | | | | |
| Recorded by | SUTHERLAND | | | | | |
| Witnessed by | MC MURPHY | | | | | |
| | OILFIELD LOGGING | | | | | |

Pile**ELECTRIC LOG**
 1-8 ROBERT S. KERR AVENUE
 OKLAHOMA CITY 2, OKLAHOMA
 PHONE CE 2281