

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGWell No. 15 — 095 — 21046
County NumberOperator
South Ranch Oil Company, Inc.Address
205 N.W. 63rd St., Suite 100, Okla. City, Okla. 73116Well No. 1-A Lease Name
GrabberFootage Location
330 feet from (X) (S) line 330 feet from (X) (W) linePrincipal Contractor
Eagle Drilling Company Geologist
Richard Langston

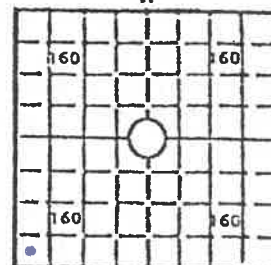
Date 10-12-80 Date Completed 10-16-80 Total Depth 2910 P.B.T.D.

Sectional Deviation Oil and/or Gas Purchaser
Peoples

S. 6 T. 27S R. 5 K

Loc. C, SW, SW, SW

County Kingman

640 Acres
N

Locate well correctly

Elev.: Gr. 1521

DF 1531' KB 1534'

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Socks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|------------------------------------|-------|------------------------------------|
| Surface | 12 1/4 | 8 5/8 | 20 | 302 | Class H 3% CC, 2% GEL | 250sx | 3% CC, 2% GEL |
| Production | 7 7/8 | 4 1/2 | 9.5 | 2909' | RFC + 3/4 - 1% CFR ₂ | 125sx | RFC + 3/4 - 1% CFR ₂ |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

| Top, ft. | Bottom, ft. | Socks cement |
|----------|-------------|--------------|
|----------|-------------|--------------|

PERFORATION RECORD

| Shots per ft. | Size & type W/Tbg Gun | Depth interval |
|---------------|--------------------------|----------------|
| 4 | | 2830 - 2836 |

TUBING RECORD

| Setting depth | Packer set at |
|---------------|---------------|
| 2886' | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|---|------------------------|
| Gal. MCA W/Foam FAC + 21 Bal. PAD + 60 BBL. Sand + 160 CF | 2830 - 2836 |
| NITROGEN TLTR 80 BBLs. | |
| | |

INITIAL PRODUCTION

| | | | | | |
|--|-----------|--|--------------------------------------|-----------------|--|
| Date of first production 11-5-80. | | Producing method (flowing, pumping, gas lift, etc.) Flowing | | Wichita, Kansas | |
| 24 HOURS OF PRODUCTION | Oil TR | Gas AOF 3500 — 6 | Water 0 | Gas-oil ratio | |
| Disposition of gas (vented, used on lease or sold) S.I. | | | Producing interval(s) 2830 - 2836 | | |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Driller's Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation

| | | | |
|---|---|--|------------------|
| Operator South Ranch Oil Company, Inc. | | DESIGNATE TYPE OF COMP.: OIL, DRY HOLE, SWDW, ETC.: Gas | |
| Well No. 1-A | Lease Name Graber | 494397 | |
| S 6 T 27S R 5 E W | | | |
| WELL LOG Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. | | SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION. | |
| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME |
| Sandstone, white to clear, very fine grained, "dirty", shaly, micaceous, well sorted, low porosity, no odor, no fluorescence. | 2830 | 2910 | Douglas Sand "A" |
| Sandstone, clear, very fine grained, fair to well sorted, friable, good porosity, no odor, no fluorescence. | | | |
| Sandstone, white to clear, shaly, micaceous calcareous cement, porosity decreases with depth, no odor. No fluorescence. | | | |
| USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD. | | | |
| Date Received | Signature VP-OPNS 4/24/81 Date | | |

STATE OF KANSAS
STATE CORPORATION COMMISSION - CONSERVATION DIVISION
245 North Water
Wichita, Kansas 67202

6-27-5W
FORM C-2

Pl
State Geological Survey
WICHITA BRANCH

DATA AND AFFIDAVIT

(On Cementing in Surface or Drive Pipe and required by Rule 82-2-123 of the Commission for compliance with Section 55-136, 55-137 and 55-138, 1947 Supplement to G. S. Kansas 1935)

LEASE OWNER South Ranch Oil Company

OFFICE ADDRESS 111 S. Bemiston Ave. Suite 127 St. Louis, Missouri 63105

LEASE NAME GRABER A WELL NO. 1 COUNTY Kingman (W)

EXACT SPOT LOCATION C SW SW SW SEC. 6 TWP. 27S RGE. 5 (K)

CONTRACTOR Eagle Drilling, Inc.

OFFICE ADDRESS 260 N. Rock Road Suite 210 Wichita, Kansas 67206

Drilled with ~~(Cable)~~ or (Rotary) tools: Date pipe set 10-12-80

SURFACE HOLE DATA

SURFACE PIPE DATA

Size of Hole 12 1/4 Csg. (new) or (~~used~~) Size 8 5/8 Wt. 20 lb.

Depth 302 Where set 302' K.B.

METHOD OF CEMENTING

Cement: Amount and kind 250 sacks Class H, 2% gel, 3% cc.

Method: (By Service Co., Dump, Tog., etc.) Dowell

Est. Height Cement behind pipe Cement circulated to top of cellar

GROUND WATER INFORMATION

Depth to bottom of lowest fresh water producing stratum _____

Name of lowest fresh water producing stratum _____

Surface elevation of well _____

ADDITIONAL INFORMATION

(Additional information may be submitted on separate sheet)

A F F I D A V I T

STATE OF Kansas, COUNTY OF Sedgwick SS,

I, Robert L. Eisel, of the Eagle Drilling, Inc. ~~Company~~,
being first duly sworn on oath, state: That I have knowledge of the facts, statements
and matters herein contained and that the same are true and correct.

Robert L. Eisel

RECEIVED
STATE CORPORATION COMMISSION
NOV - 4 1980
CONSERVATION DIVISION
Wichita, Kansas

DRILLER'S LOG

Operator: South Ranch Oil Company
Lease Name: Graber A #1
Spot Location: C SW SW SW
Sec. 6-27S-5W
County, State: Kingman County, Kansas

Commenced: 10-12-80
Completed: 10-17-80

Surface Casing: Ran 7 joints 8 5/8" 20 lb. new
Set @ 302' K.B. Cemented w/250 sacks Class H,
2% gel, 3% cc. Plug down @ 9:00 p.m. 10-12-80.
 Cement did circulate.

Surface Sand
Sand, Red Bed & Shale
Shale
Shale & Lime
Shale, Lime & Chert
Shale & Lime
Lime & Shale

| | | |
|------|---|------|
| 0 | - | 70 |
| 70 | - | 302 |
| 302 | - | 405 |
| 405 | - | 960 |
| 960 | - | 1365 |
| 1365 | - | 2585 |
| 2585 | - | 2910 |
| TD | - | 2910 |

RECEIVED
STATE CORPORATION COMMISSION
NOV - 4 1980
CONSERVATION DIVISION
Wichita, Kansas

I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

EAGLE DRILLING, INC.

Robert L. Eisel
Vice-President

STATE OF KANSAS)
COUNTY OF SEDGWICK) ss:

Subscribed and sworn to before me this 31st day of October, 1980.

My appointment expires:

August 13, 1983

SPARON M. LITTLE
STATE NOTARY PUBLIC
Sedgwick County, Kansas
My Appt. Expires 08-13-83

Notary Public

Sharon M. Lewis

Sharon M. Lewis