

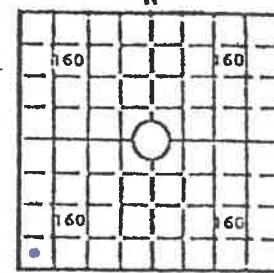
NSAS *P*WELL COMPLETION REPORT AND
DRILLER'S LOGWell No. 15 — 095 — 21046
County NumberOperator
South Ranch Oil Company, Inc.Address
205 N.W. 63rd St., Suite 100, Okla. City, Okla. 73116Well No. 1-A Lease Name
GrabberFootage Location
330 feet from (N) (S) line 330 feet from (W) (E) linePrincipal Contractor
Eagle Drilling Company Geologist
Richard Langston
Date 10-12-80 Date Completed 10-16-80 Total Depth 2910 P.B.T.D.Directional Deviation
Oil and/or Gas Purchaser
PeoplesState Geological Survey
WICHITA, Kansas

S. 6 T. 27S R. 5 W

Loc. C. SW, SW, SW

County Kingman

640 Acres



Locate well correctly

1521

Elev.: Gr.

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	125sx	RFC + 3/4 - 1% CFR

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type W/Tbg Gun	Depth interval
			4		2830 - 2836

TUBING RECORD

Setting depth	Packer set at
7/8"	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Gal. MCA W/Foam FAC + 21 Gal. PAD + 60 BBL. Sand + 160 CF	2830 - 2836
NITROGEN TLTR 80 BBLS.	RECEIVED STATE OF KANSAS CONSERVATION COMMISSION

INITIAL PRODUCTION

CONSERVATION DIVISION

Wichita, Kansas

Date of first production	Producing method (flowing, pumping, gas lift, etc.)			
% OF PRODUCTION 24 HOURS	Oil TR	Gas bbls.	Water MCF	Gas-oil ratio bbls.
11-5-80.	Flowing			
Disposition of gas (vented, used on lease or sold)	Producing interval(s)			
S. I.	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
S 6 T 27S R 5 E W

494397

WELL LOG

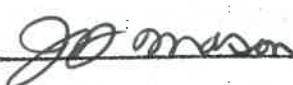
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sandstone, white to clear, very fine grained, "dirty", shaly, micaceous, well sorted, low porosity, no odor, no fluorescence.	2830	2910	Douglas Sand "A"	2830
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

Title

4/24/81

Date

6-27-5W

FORM C-2

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

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 CompanyOFFICE ADDRESS 111 S. Bemiston Ave. Suite 127 St. Louis, Missouri 63105LEASE NAME GRABER A WELL NO. 1 COUNTY Kingman
(W)EXACT SPOT LOCATION C SW SW SW SEC. 6 TWP. 27S RGE. 5 (E)CONTRACTOR Eagle Drilling, Inc.OFFICE ADDRESS 260 N. Rock Road Suite 210 Wichita, Kansas 67206Drilled with (Cored) or (Rotary) tools: Date pipe set 10-12-80SURFACE HOLE DATASURFACE PIPE DATASize 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 CEMENTINGCement: Amount and kind 250 sacks Class H, 2% gel, 3% cc.Method: (By Service Co., Dump, Tog., etc.) DowellEst. Height Cement behind pipe Cement circulated to top of cellarGROUND WATER INFORMATION

Depth to bottom of lowest fresh water producing stratum

Name of lowest fresh water producing stratum

Surface elevation of well

ADDITIONAL INFORMATIONRECEIVED
STATE CORPORATION COMMISSION
NOV 4 1980

(Additional information may be submitted on separate sheet)

A F F I D A V I TCONSERVATION DIVISION
Wichita, KansasSTATE 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

6-27-5W *quad pt*
State Geological Survey
WICHITA BRANCH

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.

FORMATION

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

DEPTH

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

SEARCHED INDEXED
STATE NOTARY PUBLIC
Sedgwick County, Kansas
es: April Expires 08-13-83

Notary Public

Sharon M. Lewis

Sharon M. Lewis