

KANSAS

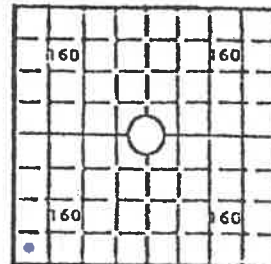
WELL COMPLETION REPORT AND
DRILLER'S LOG

Well No. 15 — 095 — 21046
County Number
Operator South Ranch Oil Company, Inc.
Address 205 N.W. 63rd St., Suite 100, Okla. City, Okla. 73116
Well No. 1-A Lease Name Graber
Footage Location 330 feet from (X) (S) line 330 feet from (X) (W) line
Principal 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 Peoples

S. 6 T. 27S R. 5 K W

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

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type W/Tbg Gun	Depth interval
			4		2830 - 2836
TUBING RECORD					
7/8"	Setting depth 2836'	Packer set at			

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 bbls.	Water 0 MCF	Gas-oil ratio bbls.	CFPB
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		
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 <u>JP Mason</u> Title <u>VP-OPNS</u> Date <u>4/24/81</u>		