

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 - 051 - 22,165
County Number

State OK 18 Survey
Loc. W21 N12 E SW 1/4
County Ellis

Operator Robert R. Price

Address P.O. Box 45442, Tulsa, Oklahoma 74145

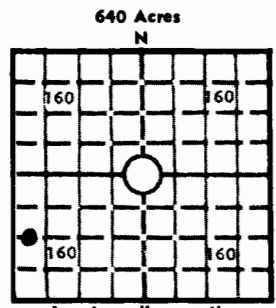
Well No. 11 Lease Name Cave

Footage Location
1320 feet from (N) line 330 feet from (W) line SW 1/4

Principal Contractor Ranger Drilling Co. Inc. Geologist Curtis Longpine

Spud Date 11-22-80 Date Completed 11-27-80 Total Depth 3620 P.B.T.D. 3586

Directional Deviation None Oil and/or Gas Purchaser Roch



Elev.: Gr. 1977
DF 1979 KB 1982

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	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	24	1354'	Common	500	2% CaCl
Production	7 7/8"	5 1/2"	14	3620	RFC	175	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		3324-28, 3397-3401, 3407-12, 3435-39, 3458-62.

TUBING RECORD

Size	Setting depth	Packer set at
2 7/8"	3575	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
7,500 gals 28% HCL	3324-3462 overall.

INITIAL PRODUCTION

Date of first production 12-17-80 Producing method (flowing, pumping, gas lift, etc.) Pump

RATE OF PRODUCTION PER 24 HOURS
Oil 25 bbls. Gas — MCF Water 0 bbls. Gas-oil ratio — CFPB

Disposition of gas (vented, used on lease or sold) Producing interval (s) 3324-3462 overall

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers 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 Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Robert R. Price DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil Well

Well No. 11 Lease Name Cave

S 7 T 11S R 18 ^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	DEPTH
			Anhydrite	1345
			Topeka	2977
			Heebner	3199
			Toronto	3216
			Lansing	3240
			B/KC	3466
			Marmaton	3487
			Conglomerate	3504
			Simpson	3546
			Arbuckle	3566
			T.D.	3620

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<u>Robert R. Price</u>
	Signature
	<u>Operator</u>
	Title
	<u>12-20-80</u>
	Date

P(Ind

7-11-80



State Geological Survey
WICHITA BRANCH

RANGER DRILLING COMPANY, INC.
P.O. BOX 717
HAYS, KANSAS 67601

DRILLERS LOG

OPERATOR: Robert R. Price
P.O. Box 45442
Tulsa, Oklahoma 74145

CONTRACTOR: Ranger Drilling Company, Inc.
P.O. Box 717
Hays, Kansas 67601

LEASE: Cave WELL: #11

LOCATION: W/2 W/2 SW/4
Section 7-11S-18W
Ellis County, Kansas

Total Depth: 3620'
Commenced: 11-20-80
Casing: 8-5/8" @ 1354'

Elevation: 1982 K.B.
Completed: 11-28-80
Status: Pending

DEPTHS & FORMATIONS

(All measurements from K.B.)

Surface soil, clay and shale	220	Lime and shale	3210
Shale	1333	Shale	3297
Anhydrite	1369	Shale and lime	3469
Shale	2120	Shale	3565
Lime and shale	2542	Shale and lime	3620
Shale	3160	T.D.	3620

STATE OF KANSAS)
 ss
COUNTY OF ELLIS)

DEC 20 1980
CONSERVATION DIVISION
Wichita, Kansas

I, William A. Spivey, of Ranger Drilling Company, Inc., state that the above and foregoing is a true and correct log of the above captioned well.

William A. Spivey