

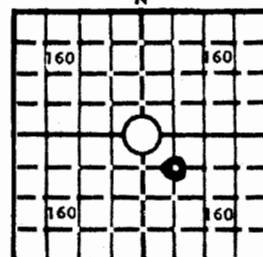
KANSAS

State Geological Survey
WICHITA BRANCHWELL COMPLETION REPORT AND
DRILLER'S LOG

S. 33 T. 21 R. 11 E

Loc. NW SE

County Stafford

640 Acres
N

Locate well correctly

Elev.: Gr. 1743

DF 1746 KB 1748

API No. 15 — 185 — 21,399
County Number

Operator

Target Oil & Gas Incorporated

Address

1860 Lincoln Street, Suite 1350, Denver, CO 80295

Well No.

Lease Name

1 Whooping Crane Government Quivira National Wildlife Refuge

Footage Location

1980 feet from (N) (S) line 1980 feet from (E) (W) line

Principal Contractor

Husky Drilling Co., Inc.

Geologist

Phillip Kangas

Spud Date

8-26-81

Date Completed

9-25-81

Total Depth

3500'

P.B.T.D.

3450'

Directional Deviation

1° at 244' & 1749'

Oil and/or Gas Purchaser

P & O Falco

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
Conductor String	25"	13 3/8"	48	80'	Bulk	175	3% CaCl 2% Gel
Surface	12 1/4"	8 5/8"	23	232' KB	60/40 Pozmix	175	3% CaCl 2% Gel
Production	7 7/8"	5 1/2"	14	3499 KB	60/40 Pozmix	175	2% Gel 10% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	0.41" 20 gram	3412-3418'
TUBING RECORD					
Size	Setting depth	Pecker set at			
2 7/8"	3422	3377			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
600 gal of gas well acid, 6 gal A-166 inhibitor, 3 gal W-35 non-emulsifier, 3 gal I-42 claystay	3412-3418
Fraced w/281 bbls diesel fuel & 11,520# of 20/40 sand. Av inject press 1400 psi at 5 bbl/min	3412-3418

INITIAL PRODUCTION

RECEIVED
STATE CORPORATION COMMISSION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
September 25, 1981	Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	CFPB
	197.3 bbls.	Nil	12.6 MCF	Nil	Conservation Division Wichita, Kansas
Disposition of gas (vented, used on lease or sold)	Producing interval(s)				
Nil	3411-27 Simpson Sandstone				

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.

