

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-025-20986 -00-00

County..... Clark

SW NW SE Sec. 16 Twp. 34S Rge. 23 East West

1680 Ft North from Southeast Corner of Section
2350 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name..... DUNNE RANCH Well # #1-16

Field Name..... Wildcat Big SAND CREEK

Producing Formation..... Mississippi Chester

Elevation: Ground..... 1883' KB..... 1897'

Operator: License # 9657
Name..... QUINTANA PETROLEUM CORPORATION
Address 1050 -17th Street
Suite 400
City/State/Zip Denver, Colorado 80265

Purchaser..... Unknown

Operator Contact Person E. Scott Kimbrough
Phone (303)628-9211

Contractor: License # 5840
Name Brandt Drilling Co., Inc.

Wellsite Geologist Louis S. Bird
Phone (316)227-6041

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth.....

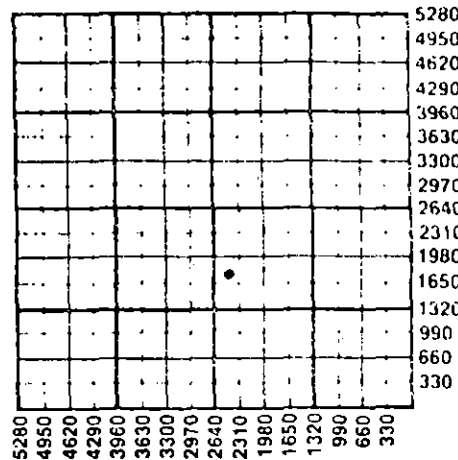
~~CONFIDENTIAL~~

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6/17/87 Spud Date 6/28/87 Date Reached TD 7/11/87* Completion Date
5600' Total Depth 5546' PBTD stimulation study.

Amount of Surface Pipe Set and Cemented at 797 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water: purchased
Division of Water Resources Permit #.....
 Groundwater.....Ft North from Southeast Corner (Well)Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature
Title..... Production Technician Date 10/16/87

Subscribed and sworn to before me this 16th day of OCTOBER 1987.
Notary Public DONA R. SANNE, DENVER, CO 80202
Date Commission Expires 8-25-88

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 STKGS Plug Other
(Specify)
OCT 19 1987
10-19-87
Form ACO-1 (5-86)

Sec. 16 Twp. 34S Rge. 23W

Operator Name QUINTANA PETROLEUM CORPORATION Lease Name DUNNE RANCH Well # #1-16

Sec. 16 Twp. 34S Rge. 23 East West County Clark

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1: 5096'-5130' DP Recovery: 920'
 Times: 30/60/60/120 124' GCM, 796' SW,
IHP 2407 140,000 ppm chl.
IFP plugged
FFP 468-469
FSIP 1977
FHP 2377
BHT 122°F

Sampler: 3150 cc:
1200 cc wtr, 8.9 cu.ft.
gas.

Name	Top	Bottom
Heebner Shale	4238'	
Toronto	4250'	
Lansing	4430'	
Stark Shale	4918'	
Hush Shale	4986'	
B. Kansas City	5037'	
Marmaton	5056'	
Ft. Scott	5213'	
Cherokee Sh.	5230'	
B. Inola	5375'	
Morrow Shale	5410'	
Chester	5459'	
T.D.	5600'	- Driller
	5599'	- Logger

DST #2: 5408'-5491' DP recovery:
 Times: 47/60/60/120 183' GCM.
IFP 540-406 (plugging)
ISIP 1720
FFP 187-197 Sampler: 3150 cc:
FSIP 1679 250 cc GCM, 17 cu.ft.
IHP 2634 gas
FHP 2614
BHT 124°F

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	796.98'	Lite & "d"	425	2% CaCl2
Production	7 7/8"	5 1/2"	15.5#	5600.00'	"H"	185	1% FL-19 & FP-6
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4 jspf	5460'-5476' & 5483'-5490'			1500 gal 7 1/2% Fe HCl + 1 gal/1000 ClaSta II + 1 gal/1000 LoSurf 300 + 1 gal/1000 HAI 60.		5460'-5490' (overall)	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size 2 3/8"		Set At 5442.99'		Packer at 5405.25'	
Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....							
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
test 7/12/87		tr. cond	536 MCF	-0- Bbls	-- CFPB	--	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify)
 Dually Completed Commingled

5460'-5476'

 5483'-5490'
