OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

COPY

ORIGINAL

Operator: License # 30730

Name: Horizontal Development & Production Inc.

Address 2535 Marsh Lane #808

City/State/Zip Carrollton, TX 75006

Purchaser: N/A

Operator Contact Person: Mike Sternberg

Phone (214) ~~416-5873~~ 323-3933

Contractor: Name: Emphasis Oil Operations

License: 8241

Well to Geologist: Rick Hall

Designate Type of Completion
____ New Well ____ Re-Entry ____ Workover

____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
X Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD
____ Plug Back _____ PBTD
____ Commingled Docket No. _____
____ Dual Completion Docket No. _____
____ Other (SWD or Inj?) Docket No. _____

8-6-93 Spud Date | 8-12-93 Date Reached TD | _____ Completion Date

County Ellis

____ - NW - SW - SE Sec. 7 Twp. 13S Rge. 20 ____ E X W

890 Feet from S/N (circle one) Line of Section

2260 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Kohl Well # 1

Field Name _____

Producing Formation None

Elevation: Ground 2148' KB 2153'

Total Depth 3873' PBTD _____

Amount of Surface Pipe Set and Cemented at 210 Feet

Multiple Stage Cementing Collar Used? ____ Yes ____ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D&A JH 4-18-95
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

____ Quarter Sec. ____ Twp. ____ S Rng. ____ E/W

_____ Docket No. _____

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 20 1994
CONSERVATION DIVISION
WICHITA, KS

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Michael Sternberg / Michael Sternberg

Title Vice President Date 9/19/94

Subscribed and sworn to before me this 9/19 day of ~~September~~ Sept. 19 94.

Notary Public Nathan E. Poston

Date Commission Expires 9/30/97

NATHAN E. POSTON
Notary Public
State of Texas
My Comm. Exp. 09-30-97

K.C.C. OFFICE USE ONLY
F ____ Letter of Confidentiality Attached
C ____ Wireline Log Received
C ✓ Geologist Report Received

Distribution
✓ KCC ____ SWD/Rep ____ NGPA
✓ KGS ____ Plug ____ Other (Specify)

JS

Form ACO-1 (7-91)

Operator Name Horizontal Dev. & Prod. Inc Lease Name Kohl Well # 1

☐ East

Sec. 7 Twp. 13 Rge. 20 ☒ West County Ellis

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 (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☐ Yes ☒ No

List All E.Logs Run:

☐ Log Formation (Top), Depth and Datums ☒ Sample

Name	Top	Datum
Anhydrite	1508	645
Topeka	3180	-1027
Heebner	3427	-1274
Lansing	3464	-1311
Base Kansas City	3707	-1554
Marmaton	3760	-1616
Conglomerate	3846	-1603

CASING RECORD ☐ New ☐ 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	12¼	8 5/8	28	210	60/40	130	3%cc, 2%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer At Liner Run ☐ Yes ☐ No

Date of First, Resumed Production, SWD or Inj. D&A Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil N/A Bbls.	Gas N/A Mcf	Water N/A Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____

Production Inter