

CONFIDENTIAL

SIDE ONE

10-335-21W **COPY**STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASEOperator: License # 5050Name: Hummon CorporationAddress 200 W. Douglas, Suite 1020
Wichita, KS 67202

City/State/Zip _____

Purchaser: Oil - NCRA Gas - CibolaOperator Contact Person: Byron E. Hummon, Jr.Phone (316) 263-8521 773-2300Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: Arden RatzlaffDesignate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBDT
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____1/6/95 1/18/95 3/9/95
Spud Date Date Reached TD Completion DateAPI NO. 15- 025-21124County Clark150' S - SE - NE - NW Sec. 10 Twp. 33S Rge. 21 X E W1140 Feet from S (circle one) Line of Section2310 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Koehn Well # 1Field Name Harper Ranch NorthProducing Formation Morrow SandElevation: Ground 1897 KB 1907Total Depth 5400' PBTD 5355'Amount of Surface Pipe Set and Cemented at 482 FeetMultiple 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 ALT 1 9-25-96 JK
(Data must be collected from the Reserve Pit)Chloride content 9500 ppm Fluid volume 1350 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

RELEASEDOperator Name _____ OCT 14 1996

Lease Name _____ License No. _____

_____ Quarter Sec. FROM CONFIDENTIAL

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Byron E. Hummon, Jr.Title Byron E. Hummon, Jr. Date 4/26/95Subscribed and sworn to before me this 27th day of April, 19 95.Notary Public Sandra L. MendozaNotary Commission Expires February 23, 1999K.C.C. OFFICE USE ONLY
F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☒ Geologist Report ReceivedDistribution
☒ KCC ☐ SWD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other (Specify) JSSANDRA L. MENDOZA
NOTARY PUBLIC
STATE OF KANSAS
My Comm. Exp. _____

MAY 6 1995

Form ACO-1 (7-91)

SIDE TWO

Operator Name Hummon CorporationLease Name KoehnWell # 1Sec. 10 Twp. 33S Rge. 21 ☐ East ☒ WestCounty Clark

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
(Attach Additional Sheets.)Samples Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

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

Name	Top	Datum
Heebner	4241	(-2334)
Lansing	4439	(-2532)
B.K.C.	4943	(-3036)
Marmathon	4982	(-3075)
Cherokee	5124	(-3217)
Morrow SH	5240	(-3333)
Morrow SD	5260	(-3353)
Mississippi	5348	(-3441)
LTD	5399	(-3492)

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	12 $\frac{1}{4}$ "	8-5/8"	20#	482'	Light 60/40 Poz	75sx 100sx	2% Gel 3% CC
"					Class A 65/35 Poz	100sx 125sx	2% Gel 3% C
Production	7-7/8"	5-1/2"	14#	5396'	60/40 Poz Common	25sx 100sx	6% Gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
4 shots/ft	5326 - 5332	500 gals 7 $\frac{1}{2}$ % FE Acid w/1/2 gal A2, 3 gals W134, 6 gals CL55	5326 - 32
4 shots/ft	5272 - 5283	FRAC w/15,000# 20/40 SD, 710 BW & cross-link gel	5326 - 32
		1000 bbls FE Acid	5272 - 83

TUBING RECORD	Size 2-3/8"	Set At 5295'	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 4/21/95	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 20	Gas Mcf 300	Water Bbls. 70	Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 5272 - 5283
☐ Other (Specify) _____

CONFIDENTIAL

10-335-21W
COPY

SIDE TWO (Page Two)

API # 15-025-21124

ACO-1 WELL HISTORY

OPERATOR Hummon Corporation

LEASE NAME Koehn

SEC. 10 TWP. 33S RGE. 21

(E)
(W)

FILL IN WELL LOG AS REQUIRED: WELL NO. 1

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
<p>DST #1: 5238 - 5284</p> <p>30/60/60/90</p> <p>Strg blow w/GTS in 13 mins</p> <p>GA: 59,200 CFG in 20 mins</p> <p>68,800 CFG in 30 mins</p> <p>Stabilized @ 94,500 CFG in 70 mins.</p> <p>Rec. 50' GCM</p>				
<p>5324', Test.</p> <p>SHT @ 5324' of 2°</p>				
<p>DST #2: 5287 - 5324</p> <p>30/60/60/90</p> <p>Strg blow w/GTS in 10 mins</p> <p>GA: 78,100 CFG in 20 mins</p> <p>78,100 CFG in 30 mins</p> <p>Stabilized @ 78,100 CFG in 60 mins</p> <p>Rec. 90' GCSOCM</p> <p>120' G&MCW (10% gas, 40% mud, 50% water)</p> <p>596' SW (CHL - 110,000 PPM)</p>				
<p>At noon, circ. on bottom & back drilling within ½ hour.</p> <p>5370', Drlg. MW 9.2, Vis 57, WL 10.4</p>				
<p>DST #3: 5327 - 5342</p> <p>30/60/60/90</p> <p>Strg. blow in 3 mins</p> <p>Rec. 1380' GIP</p> <p>73' Mud</p>				
<p>Will drill to 5400', RTD & log this afternoon.</p>				
<p>DST #4: 5292 - 5302</p> <p>30/60/30/60</p> <p>Strg blow - GTS in 15 mins</p> <p>1st OP GA: 68,800 CFG in 20 mins</p> <p>68,800 CFG in 30 mins</p> <p>2nd OP GA: 94,500 CFG in 10 mins</p> <p>Stabilized @ 94,500 CFG in 30 mins</p>				

FP 53/32 - 50/32
SIP 1281/1228
BHT - 124°

TMC \$6666.

FP 139/161 - 215/333
SIP 1281/1281
BHT 126°

RELEASED

OCT 14 1996

FROM CONFIDENTIAL

FP 53/53 - 86/86
SIP 1545/1546
BHT 125°

Rec. 7' G&WCM
411' water (CHL 110,000 PPM)

FP 86/107 - 182/215
SIP 1281/1281
BHT 126°

STAMP
10-335-21W
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