

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5447
Name Cities Service Oil & Gas Corp.
Address 3545 N.W. 58th Street
City/State/Zip Okla. City, Okla. 73112

Purchaser: Uncommitted

Operator Contact Person Raymond Hul
Phone (405) 949-4400

Contractor: License # 5141
Name Zenith Drilling Corporation

Wellsite Geologist
Phone

Designate Type of Completion

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

If ONWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

10-28-85	11-9-85	12-10-85
Spud Date	Date Reached TD	Completion Date
5570'	5527'	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 1759' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 4619' & 3545' feet
If alternate 2 completion, cement circulated from foot depth to SX CRT

API NO: 15-081-20388

County: Haskell

E/2 SW SE Sec. 3 Twp. 29S Rge. 34 East West

660 Ft North from Southeast Corner of Section
1830 Ft West from Southeast Corner of Section

(Notes: Locate well in section plat below)

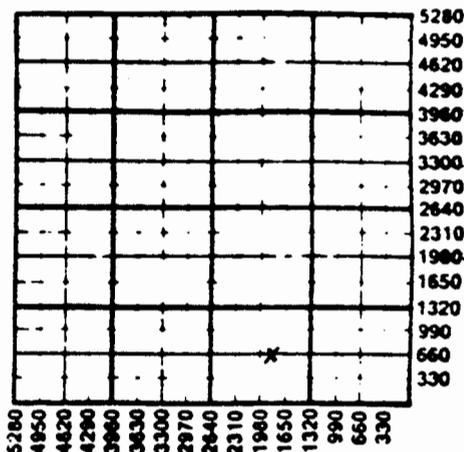
Name changed to Moody #1 (del)
Lease Name: Helmley B Well # 2

Field Name: Eubank

Producing Formation: Morrow

Elevation: Ground 2981 KB 2992

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
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. #)

METHOD OF COMPLETION

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

Morrow

5208-16'

5228-36'

Operator Name **Cities Service Oil & Gas Corporation** Lease Number **Helmley B** Well No. **2**

E/2 SW SE

Sec. **3** Twp. **20S** Rge. **24** East West County **Haskell**

WELL LOG

4-Pt. test Estimated Production Per 24 hours	Oil Bbls	Gas 1177 MCF	Water 0	Gas-Oil Ratio CFPB	Gravity
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Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description

Log Sample

Top of cmt: 1st stage 4728'
 2nd stage 3760'
 3rd stage 2150'
 Coring Marmaton 4670-4720' (50'):
 4670-74, 74-75.5, 75.5-77, 77-80.5, 80.5-84,
 84-86, 86-90, 90-96.5, 96.5-97.5, 97.5-4705.5,
 4705.5-10.5, 4710.5-15.5, 4715.5-4720.

Name	Top	Bottom
Sand	0	35
Sand & Clay	35	635
Sand & Red Bed	635	1245
Red Bed & Anhy.	1245	1700
Anhydrite	2300	2630
Red Bed, Anhy. &	2630	2910
Dolomite		
Dolomite	2910	3370
Dolo., Lime & Shale	3370	3580
Lime & Shale	3580	4670
Marmaton	4670	4720
Lime & Shale	4720	5570
	T.D.	5570
	P.B.T.D.	5527

• Cement Casing Record:
 Cemented 1st stage w/150 sx 50/50 Poz. w/2% total gel, 18% salt. Opened DV at 4619' KB. Cmted 2nd stage w/175 sx 50/50 Poz. w/2% total gel, 18% satl, 0.2% D-46, 0.8% D-65. Cmt'd 3rd stage w/200 sx 65/35 Poz. w/6% total gel, 2% CaCl.

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	12-1/4	8-5/8"	24#	1759'	65/35 Poz.	650	2% CaCl
Production	7-7/8"	5-1/2"	14#	5569'	Class H	150	3% CaCl

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3	Morrow 5208-16, 5228-36'	Acidized w/2000 gal. 15% spear head acid	5208-16 5228-36

TUBING RECORD Size **2"** Set At **5120** Packer at **5188** Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (explain) _____
 Waiting on PL Connection