



PETROLEUM AND ITS PRODUCTS

GULF OIL CORPORATION

P. O. Box 2167
Hobbs, New Mexico

December 27, 1961

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O. C. C.
ARTESIA, OFFICE

FORT WORTH
PRODUCTION DIVISION

Mr. Dan Nutter
P. O. Box 871
Santa Fe, New Mexico

Dear Sir:

Attached are calculations on our Eddy State "BQ" No. 1 in which the hole deviated from the vertical as much as $7\frac{1}{2}$ degrees. These calculations assumed all deviations from top to bottom are in one direction and the bottom of the hole is a maximum of 256' from the surface location.

Yours very truly,

"Original Signed By
J. M. Russell"

J. M. RUSSELL
Area Production Manager

HFB:ptg

cc: Oil Conservation Commission
Artesia, New Mexico - Attn: Mr. Armstrong

Gulf Oil Corp

Loc: 2304' FSL + 2310'

FEL, Sec 16-18S-22E

Eddy Co., New Mexico

Eddy Star "BU" #1

meas. readings

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Height	Depth	Altitude	Sim L	ft. off vert. (3x4)	Cor L	Vert. depth (3x6)
3/4°	120					
"	300					
"	380	380	.01309	4.97	.99991	
1°	485	105	.01745	1.83	.99985	
1 1/2°	575	90	.02618	2.36	.99966	
2°	665	90	.03490	3.14	.99939	
2 1/2°	725	60	.04362	2.62	.99905	
2 3/4°	760	35	.04798	1.68	.99885	
2 1/2°	790	30	.04362	1.31	.99905	
2 1/4°	820					
"	850	60	.03926	2.36	.99923	
2°	880					
"	910	60	.03490	2.09	.99939	
2 1/4°	1035	125	.03926	4.91	.99923	
2°	1065	30	.03490	1.05	.99939	
1 3/4°	1090	25	.03054	.76	.99953	
1 1/2°	1150	60	.02618	1.57	.99966	
1 1/4°	1220	70	.02181	1.53	.99976	
1 1/2°	1280					
"	1345	125	.02618	3.27	.99966	
3/4°	1735	390	.01309	5.11	.99991	
1 1/4°	1830	95	.02181	2.07	.99976	
3/4°	2150					
"	2260	430	.01309	5.63	.99991	
1°	2380					
"	2710	450	.01745	7.85	.99985	
1 1/4°	2830					
"	2950	240	.02181	5.23	.99976	
1 3/4°	3130					
"	3220	270	.03054	8.25	.99953	
2 1/2°	3340					
"	3440					
"	3517					
"	3575	325	.04362	14.18	.99905	
2 1/4°	3635	60	.03926	2.36	.99923	
2 1/2°	4130	495				
3 3/4°	4410					
"	4520					
"	4600	470	.04798	22.55	.99885	
4 1/4°	4660	60	.07411	4.45	.99925	
4 1/2°	4730	70	.07846	5.49	.99692	
4 3/4°	4850	120	.08281	9.94	.99657	
5 1/4°	4901	50	.09150	4.58	.99580	
6°	5070	101	.10453	10.45	.99452	
1 1/2°	5035	35	.11320	3.96	.99357	

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Gulf Oil Corporation				Address Box 2167, Hobbs, New Mexico			
Lease Eddy State BU		Well No. 1	Unit Letter J	Section 16	Township 18-S	Range 27-E	
Date Work Performed 12-26-28, 1961		Pool Undesignated			County Eddy		

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☒ Casing Test and Cement Job
 ☐ Other (Explain):
☐ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

TD 6007' PB 5952'

Ran 193 joints and one cut piece, 5995', of 4-1/2" OD 9.50# J-55 ST&C casing set and cemented at 6007' with 750 sacks incor + 4% Gel. Max pressure 2500#, 30 Min. OK. Plug at 5974'.

Ran TS, indicated cement top outside 4-1/2" casing at 2305'.

After waiting on cement 38 hours, tested 4-1/2" casing with 1500#, 30 Minutes. OK.

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JAN 2 1962

Witnessed by H. F. Bridges		Position Drilling Foreman		Company Gulf Oil Corporation	
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY					
ORIGINAL WELL DATA					
D F Elev.	T D	P B T D	Producing Interval		Completion Date
Tubing Diameter		Tubing Depth		Oil String Diameter	Oil String Depth
Perforated Interval(s)					
Open Hole Interval			Producing Formation(s)		
RESULTS OF WORKOVER					
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl
Before Workover					
After Workover					
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by <i>ML Armstrong</i>				Name <i>Shu Russell</i>	
Title <i>Area Production Manager</i>				Position Area Production Manager	
Date JAN 2 1962				Company Gulf Oil Corporation	