

INCLINATION REPORT

OPERATOR SOUTHLAND ROYALTY ADDRESS Wall Towers West Midland, Texas 79701
 LEASE State "AR" WELL NO. 1 FIELD
 LOCATION Section 35, T23S, R34E Lea County, New Mexico

Depth	Angle (Inclination 'degrees)	Displacement	Displacement Accumulated
236	.1	4.13	4.13
466	3/4	3.01	7.14
621	3/4	2.03	9.17
800	1	3.13	12.30
1300	1/2	4.35	16.65
1822	3/4	6.84	23.49
2350	1	9.24	32.73
2912	1	9.84	42.57
3496	2 1/4	22.95	65.52
4279	2	27.33	92.85
4795	2 1/2	22.50	115.35
5133	1 1/2	8.59	123.94
5918	1 1/4	17.11	141.05
6419	1 1/4	10.92	151.97
6944	1 1/2	13.75	165.72
7448	1 3/4	15.37	181.09
8018	1 1/2	14.93	196.02
8397	1 1/4	8.26	204.28
8954	3/4	7.30	211.58
9240	1 3/4	8.72	220.30
9586	1	6.06	226.36
9879	2 1/4	11.51	237.87
10,511	1/2	5.50	243.37
11,391	1	15.40	258.77
11,856	1 1/4	10.14	268.91
12,244	1	6.79	275.70
12,575	1 1/4	6.88	282.58
12,819	1	4.27	286.85
13,216	1 1/4	6.47	293.32
13,352	1 1/4	2.96	296.28
13,590	2	8.31	304.59
13,649 TD	1 1/4	1.29	305.88

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING CORPORATION

By: Walter E. Crockett

Title: Vice President

Affidavit:

Before me, the undersigned authority, appeared Walter E. Crockett known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Walter E. Crockett
(Affiant's Signature)

Sworn and subscribed to in my presence on this the 16th day of January 1978

Larry R. Dargin
Notary Public in and for the County
of Midland, State of Texas

Seal

My Commission expires April 30, 1979

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OIL CONSERVATION COMM.
HORRS. N. M.

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TRANSPORTER	OIL		
	GAS		
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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I. Operator
Southland Royalty Company

Address
1100 Wall Towers West, Midland, Texas 79701

Reason(s) for filing (Check proper box) Other (Please explain)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

If change of ownership give name
and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name State AR	Well No. 1	Pool Name, including Formation Antelope Ridge (Morrow)	Kind of Lease State, Federal or Fee State	Lease No. L-3881
Location Unit Letter C ; 990 Feet From The north Line and 1980 Feet From The south				
Line of Section 35 Township 23-s Range 34-e , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)			
The Permian Corporation	P.O. Box 1183, Houston, TX 77001			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)			
Gas Company of New Mexico	1st Internat. Bldg., Dallas, TX 75270			
If well produces oil or liquids, give location of tanks.	Unit C	Sec. 35	Twp. 23-s	Rge. 34-e
	Is gas actually connected? No			

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Hestv.	Diff. Hestv.
		X	X					
Date Spudded 3-4-77	Date Compl. Ready to Prod. 9-30-77		Total Depth 13,650		P.B.T.D. 13,240			
Elevations (DF, RAB, RT, GR, etc.) 3446.1 GL	Name of Producing Formation Morrow		Top Oil/Gas Pay 12,495		Tubing Depth 12,615			
Perforations 12,806-13,094					Depth Casing Shoe 13,648			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
20"	16"		800		750 SX			
14-3/4"	10-3/4"		5133		4250 SX			
9 1/2"	7-5/8"		12,200		550 SX			
6 1/2"	5"		11,859-13,648		290 SX			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
370	24	40.6	52.6
Testing Method (pilot, back pr.) Back Pr.	Tubing Pressure (Shut-in) 6500#	Casing Pressure (Shut-in) 0	Choke Size 12/64

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

C. Harvey Can
(Signature)
District Engineer
(Title)
February 9, 1978
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19____
BY John W. Ramsey
TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter or other such change of condition.
Separate Form C-104 must be filed for each pool in multiple

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OIL CONSERVATION COMM.
HOBBS, N. M.

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE February 16, 1978

This is to notify the Oil Conservation Commission that connection for the
purchase of gas from the Southland Royalty Co., State AR,
Operator Lease

#1, C, 35-23S-34E, Undes. Morrow,
Well # Unit Letter S.T.R. Pool

GAS COMPANY OF NEW MEXICO, was made on 2/15/78.
Name of Purchaser Date

GAS COMPANY OF NEW MEXICO
PURCHASER

James P. Coar
REPRESENTATIVE

Transmission Manager
TITLE

cc: Oil Conservation Commission - Santa Fe
E. R. Corliss - Dallas
W. B. Richardson - Dallas
R. J. McCrary - Dallas
E. H. Redden - Carlsbad
Operator(s): Southland Royalty Company
1100 Wall Towers West
Midland, Texas 79701