

OIL CONSERVATION DIVISION  
P. O. BOX 2000  
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.D.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PROMOTION OFFICE	

I. Operator  
**Amoco Production Company**

Address  
**P. O. Box 68 Hobbs, NM 88240**

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:		Other (Please explain)
Recompletion	<input type="checkbox"/>	Oil	<input checked="" type="checkbox"/>	Directional survey attached
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 <b>South Hobbs (GSA) Unit</b>	Well No. <b>125</b>	Pool Name, Including Formation <b>South Hobbs (GSA)</b>	Kind of Lease State, Federal or Fee <b>Fee</b>	Lease No.
Location Unit Letter <b>F/L</b> : <b>2016</b> Feet From The <b>North</b> Line and <b>763</b> Feet From The <b>West</b>				
Line of Section <b>3</b> Township <b>19-S</b> Range <b>38-E</b> , NMPM, <b>Lea</b> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <b>Shell Pipeline Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 1008, Hobbs, NM 88240</b>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>Phillips Petroleum Company GPM Gas Corporation</b>	Address (Give address to which approved copy of this form is to be sent) <b>EFFECTIVE: February 1, 1992 4001 Penbrook, Midland, TX 79702</b>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When <b>Yes 8-8-80</b>

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 <input checked="" type="checkbox"/>	Gas Well	New Well* <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Restv.	Diff. Restv.
Date Spudded <b>12-15-78</b>	Date Compl. Ready to Prod. <b>7-16-80</b>	Total Depth <b>4420'</b>	P.B.T.D. <b>4332'</b>					
Elevations (DF, RKB, RT, GR, etc.) <b>3610.2 GR</b>	Name of Producing Formation <b>San Andres</b>	Top Oil/Gas Pay <b>4299'</b>	Tubing Depth <b>4325'</b>					
Perforations <b>4299-4328</b>								

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
15"	11-3/4"	1589'	950 Class C
11"	8-5/8"	4080'	1000 Class C

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 <b>7-16-80</b>	Date of Test <b>7-16-80</b>	Producing Method (Flow, pump, gas lift, etc.) <b>Pumping</b>	
Length of Test <b>24 hr.</b>	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test <b>552</b>	Oil-Bbls. <b>15</b>	Water-Bbls. <b>537</b>	Gas-MCF <b>32</b>

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (flow, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

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

**0+4-NMOCD, H 1-Hou 1-Susp 1-BG 1-Stafford, Hou**

**Bob Davis**  
(Signature)  
Administrative Analyst  
(Title)  
**8-15-80**  
(Date)

OIL CONSERVATION DIVISION  
**AUG 19 1980**

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY **John W. Runyan**  
**Geologist**

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 deviated tests taken on the well in accordance with RULE 1111.  
All sections of this form must be filled out completely for all wells on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multi-completed wells.

WF

AMOCO PRODUCTION COMPANY  
SOUTH HOBBS UNIT WELL NO. 125  
LEA COUNTY, NEW MEXICO  
MAGNETIC MULTISHOT SURVEY WT1278-S0701  
SINGLE SHOT SURVEY WT1278-D0690  
EASTMAN WHIPSTOCK, INC.  
FEBRUARY 15, 1979

PLANE OF PROPOSED DIRECTION IS S 41 DEG. 44 MIN. E

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

DOG LEG  
SEVERITY  
DEG/100FT

RECTANGULAR  
COORDINATES  
FEET

VERTICAL  
SECTION  
FEET

TRUE  
VERTICAL  
DEPTH  
FEET

DRIFT  
DIRECTION  
D

DRIFT  
ANGLE  
D M

MEASURED  
DEPTH  
FEET

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES FEET	DOG LEG SEVERITY DEG/100FT
134.	0 0	0	134.00	0.00	0.00	0.0
195.	0 30	S 31 W	195.00	.08	.14 W	.8
255.	0 45	S 52 W	255.00	.16	.57 W	.6
316.	0 45	S 57 W	315.99	.07	1.22 W	.1
376.	0 45	S 36 W	375.99	.09	1.72 S	.5
436.	0 45	S 20 W	435.98	.36	2.41 S	.3
497.	0 45	S 5 E	496.97	.88	3.19 S	.5
557.	0 30	S 34 W	556.97	1.24	3.81 S	.8
618.	0 30	S 36 W	617.97	1.36	4.25 S	.0
678.	0 15	S 24 W	677.97	1.48	4.59 S	.4
739.	0 15	S 5 E	738.97	1.65	4.85 S	.2
799.	0 30	S 16 W	798.97	1.91	5.24 S	.5
859.	0 15	S 33 W	858.96	2.07	5.59 S	.5
920.	0 15	S 22 E	919.96	2.24	5.85 S	.4
980.	0 0	0	979.96	2.37	5.97 S	.4
1041.	0 30	S 3 W	1040.96	2.56	6.24 S	.8
1101.	0 30	S 5 W	1100.96	2.92	6.76 S	.0
1161.	0 30	S 50 W	1160.96	3.10	7.21 S	.6
1222.	0 45	S 60 W	1221.95	3.03	7.59 S	.4
1282.	0 30	S 38 W	1281.95	3.02	8.02 S	.6
1343.	1 15	S 48 W	1342.94	3.10	8.70 S	1.3
1403.	0 30	S 28 W	1402.94	3.27	9.42 S	1.3
1464.	0 45	S 34 W	1463.93	3.46	9.99 S	.4
1524.	1 0	S 46 W	1523.93	3.59	10.69 S	.5
1559.	0 45	S 40 W	1558.92	3.64	11.08 S	.8
1658.	0 45	S 24 W	1667.91	4.04	12.22 S	.2
1778.	2 45	S 16 E	1777.85	6.34	15.57 S	2.0
1808.	3 45	S 29 E	1807.81	7.94	17.14 S	4.1
1826.	5 15	S 33 E	1825.75	9.33	18.35 S	8.5
1916.	7 30	S 39 E	1915.19	19.27	26.43 S	2.6

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR COORDINATES FEET	DOG SEVERITY DEG/100FT	LEG
2007.	8 15	S 40 E	2005.33	31.72	36.05 S 7.25 E		1.8
2128.	10 30	S 40 E	2124.71	51.42	51.15 S 19.92 E		1.9
2251.	12 45	S 40 E	2245.17	76.20	70.13 S 35.85 E		1.8
2371.	15 0	S 40 E	2361.67	104.96	92.17 S 54.34 E		1.9
2494.	17 0	S 40 E	2479.89	138.84	110.14 S 76.13 E		1.6
2651.	19 45	S 41 E	2628.80	138.32	155.77 S 100.27 E		1.6
2767.	21 15	S 40 E	2737.53	228.93	106.66 S 134.65 E		1.3
2894.	21 30	S 39 E	2855.79	275.18	222.38 S 164.10 E		1.3
3021.	20 30	S 36 E	2974.35	320.57	258.48 S 191.80 E		1.2
3144.	20 0	S 36 E	3069.75	362.93	292.92 S 216.82 E		1.4
3268.	19 0	S 34 E	3206.64	404.03	326.83 S 240.56 E		1.0
3337.	19 45	S 35 E	3271.73	426.74	345.69 S 253.53 E		1.2
3396.	22 0	S 33 E	3326.85	447.57	363.12 S 265.28 E		1.0
3521.	23 0	S 34 E	3442.34	494.91	403.01 S 291.68 E		1.0
3611.	24 0	S 34 E	3524.07	530.47	432.76 S 311.75 E		1.1
3670.	24 15	S 39 E	3576.72	554.43	452.14 S 326.09 E		3.5
3726.	25 0	S 41 E	3629.62	577.80	470.01 S 341.09 E		2.0
3866.	26 15	S 42 E	3753.88	646.99	521.84 S 386.94 E		1.6
4030.	28 15	S 44 E	3901.90	712.90	570.05 S 431.90 E		1.5
4120.	26 0	S 40 E	3931.27	755.32	601.57 S 460.28 E		2.1
4160.	27 15	S 36 E	4034.43	703.08	623.49 S 477.41 E		3.3
4240.	26 0	S 35 E	4028.07	809.01	645.32 S 493.02 E		2.2
4300.	24 45	S 35 E	4142.28	835.34	665.45 S 507.77 E		2.1
4360.	24 45	S 34 E	4196.76	860.26	687.15 S 522.00 E		1.7
4420.	24 15	S 35 E	4251.36	884.94	707.65 S 536.09 E		1.1

FINAL CLOSURE - DIRECTION: S 37 DEGS 8 MINS 46 SECS E  
 DISTANCE: 887.79 FEET

AMOCO PRODUCTION COMPANY  
SOUTH HOBBS UNIT WELL NO. 125  
LEA COUNTY, NEW MEXICO  
EASTMAN WHIPSTOCK, INC.  
MAGNETIC MULTI SHOT WT-1278 S-0701  
SURVEYOR: MIKE TEAFF 12-18-78  
MAGNETIC MULTI SHOT WT-1278 S-0711  
SURVEYOR: MIKE TEAFF 12-29-78  
MAGNETIC MULTI SHOT WT-1278 S-0712  
2-13-79

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

MEASURED DEPTH FEET	DRIFT ANGLE		TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES		CLOSURE		DOG LEG SEVERITY DEG/100FT
	D	M		FEET	DIRECTION	FEET	DIRECTION	
0.	0	0	0.00	0.00	0	0	0.00	0.0
195.	0	30	195.00	.44 W	.73 S	.44 W	.85 S	31 0 N .3
255.	0	45	254.99	S 52 W	1.22 S	.87 W	1.50 S	35 33 W .5
316.	0	45	315.99	S 57 W	1.68 S	1.52 W	2.27 S	42 7 W .1
376.	0	45	375.96	S 36 W	2.22 S	2.09 W	3.04 S	43 15 W .5
436.	0	45	435.96	S 20 W	2.91 S	2.45 W	3.81 S	40 9 W .3
497.	0	45	496.97	S 5 E	3.69 S	2.56 W	4.49 S	34 41 W .5
557.	0	30	556.97	S 34 W	4.32 S	2.72 W	5.10 S	32 12 W .9
618.	0	30	617.97	S 36 W	4.75 S	3.02 W	5.63 S	32 20 W .0
678.	0	15	677.97	S 24 W	5.09 S	3.22 W	6.02 S	32 18 W .4
739.	0	15	738.97	S 5 E	5.35 S	3.26 W	6.27 S	31 22 W .2
799.	0	30	798.96	S 16 W	5.74 S	3.30 W	6.62 S	29 54 W .5
859.	0	15	858.96	S 33 W	6.10 S	3.45 W	7.01 S	29 36 W .5
920.	0	15	919.96	S 22 E	6.35 S	3.49 W	7.24 S	28 46 W .4
980.	0	0	979.96	0	6.47 S	3.44 W	7.33 S	27 58 W .4
1041.	0	30	1040.96	S 3 W	6.74 S	3.45 W	7.57 S	27 7 W .9
1101.	0	30	1100.96	S 5 W	7.26 S	3.49 W	8.05 S	25 40 W .0
1161.	0	30	1160.96	S 50 W	7.71 S	3.72 W	8.56 S	25 46 W .6
1222.	0	45	1221.95	S 60 W	8.09 S	4.27 W	9.15 S	27 48 W .4
1282.	0	30	1281.95	S 38 W	8.52 S	4.76 W	9.76 S	29 11 W .5
1343.	1	15	1342.94	S 48 W	9.20 S	5.39 W	10.67 S	30 23 W 1.3
93.	0	30	1402.93	S 28 W	9.92 S	5.95 W	11.57 S	30 59 W 1.3
1464.	0	45	1463.93	S 34 W	10.49 S	6.30 W	12.23 S	30 59 W .4
1524.	1	0	1523.92	S 46 W	11.19 S	6.68 W	13.14 S	31 36 W .5
1559.	0	45	1558.92	S 40 W	11.58 S	7.25 W	13.66 S	32 3 W .8
1626.	0	45	1625.91	S 34 W	12.28 S	7.78 W	14.54 S	32 21 W .1
1688.	1	0	1687.91	S 35 W	13.06 S	8.31 W	15.48 S	32 29 W .4
1750.	3	0	1749.87	S 10 W	15.04 S	9.13 W	17.60 S	31 16 W 3.4
1811.	4	15	1810.74	S 28 E	16.78 S	8.54 W	20.64 S	24 27 W 4.3
1873.	6	15	1872.48	S 35 E	23.62 S	5.58 W	24.27 S	13 18 W 3.4

MEASURED DEPTH FEET	DRIFT ANGLE O M	DRIFT DIRECTION O	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES		CIRCULAR DISTANCE		DOG SEVERITY DEG/100FT
				FEET	FEET	FEET	DIRECTION O M	
1935.	7 15	S 40 E	1934.05	29.40 S	1.15 W	29.42 S	2 14 W	1.9
1997.	8 0	S 39 E	1995.50	35.75 S	4.09 E	35.98 S	6 31 E	1.2
2058.	9 15	S 41 E	2055.81	42.75 S	9.97 E	43.90 S	13 7 E	2.1
2120.	10 0	S 39 E	2116.94	50.69 S	16.63 E	53.35 S	18 10 E	1.3
2162.	11 0	S 38 E	2177.90	59.54 S	23.66 E	64.07 S	21 41 E	1.6
2245.	12 15	S 40 E	2237.64	69.09 S	31.40 E	75.89 S	24 25 E	2.2
2305.	13 0	S 38 E	2298.14	79.62 S	39.93 E	89.07 S	26 38 E	1.4
2357.	14 15	S 41 E	2359.40	90.69 S	49.21 E	103.36 S	28 26 E	2.3
2429.	15 30	S 41 E	2418.32	102.90 S	59.66 E	118.94 S	30 6 E	2.0
2490.	16 30	S 39 E	2476.96	115.78 S	70.46 E	135.53 S	31 20 E	1.9
2552.	17 45	S 40 E	2536.21	129.66 S	82.06 E	153.63 S	32 18 E	2.1
2614.	19 0	S 41 E	2595.04	144.73 S	94.77 E	172.99 S	33 13 E	2.1
2675.	20 0	S 39 E	2652.54	160.32 S	107.86 E	193.25 S	33 56 E	2.0
2737.	21 0	S 40 E	2710.62	177.08 S	121.67 E	214.85 S	34 50 E	1.7
2799.	21 45	S 40 E	2768.35	194.39 S	136.19 E	237.35 S	35 1 E	1.2
2861.	22 0	S 38 E	2825.69	212.34 S	150.73 E	260.40 S	35 22 E	1.3
2922.	21 45	S 38 E	2882.50	230.25 S	164.72 E	285.10 S	35 35 E	.4
2904.	21 45	S 38 E	2940.08	248.35 S	176.87 E	306.06 S	35 46 E	0.0
3046.	21 0	S 37 E	2997.82	265.28 S	192.62 E	328.65 S	35 53 E	1.3
3107.	20 30	S 36 E	3054.86	283.65 S	205.48 E	350.26 S	35 55 E	1.0
3169.	20 0	S 35 E	3113.03	301.12 S	217.94 E	371.71 S	35 54 E	1.0
3231.	19 30	S 35 E	3171.38	318.28 S	229.95 E	392.66 S	35 51 E	.8
3292.	19 15	S 35 E	3228.95	334.86 S	241.56 E	412.90 S	35 48 E	.4
3354.	21 30	S 33 E	3287.04	352.75 S	253.63 E	434.47 S	35 43 E	3.8
3416.	22 15	S 33 E	3344.58	372.13 S	266.21 E	457.55 S	35 35 E	1.2
3478.	23 0	S 32 E	3401.81	392.24 S	279.03 E	481.36 S	35 26 E	1.4
3539.	23 15	S 33 E	3457.91	412.45 S	291.90 E	505.29 S	35 17 E	.8
3601.	24 0	S 34 E	3514.71	433.17 S	305.61 E	530.12 S	35 12 E	1.4
3663.	24 45	S 35 E	3571.18	454.25 S	320.11 E	555.71 S	35 10 E	1.4
3724.	25 0	S 40 E	3626.52	474.60 S	335.72 E	581.34 S	35 16 E	3.5

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION	TRUE VERTICAL DEPTH FEET	K E C T A N G U L A R C O O R D I N A T E S FEET	C L O S U R E DISTANCE FEET	D I R E C T I O N D M	D O G L E G S E V E R I T Y D E G / 1 0 0 F T
3786.	25 15	S 41 E	3682.66	494.62 S 352.82 E	607.56	S 35 30 E	.8
3848.	26 15	S 41 E	3738.50	514.95 S 370.49 E	634.38	S 35 44 E	1.6
3910.	27 0	S 42 E	3793.92	535.76 S 386.90 E	662.03	S 35 59 E	1.4
3971.	27 45	S 43 E	3840.09	556.44 S 407.65 E	689.90	S 36 14 E	1.4
4033.	28 30	S 44 E	3902.77	577.64 S 427.97 E	718.90	S 36 32 E	1.4
4120.	28 0	S 40 E	3979.41	608.23 S 455.51 E	759.90	S 36 50 E	2.3
4180.	27 15	S 36 E	4032.57	630.15 S 472.64 E	787.70	S 36 52 E	3.3
4240.	26 0	S 35 E	4086.20	652.04 S 488.25 E	814.59	S 36 50 E	2.2
4300.	24 45	S 35 E	4140.41	673.10 S 505.00 E	840.28	S 36 46 E	2.1
4360.	24 45	S 34 E	4194.90	693.81 S 517.23 E	865.38	S 36 42 E	.7
4420.	24 15	S 35 E	4249.50	714.31 S 531.32 E	890.25	S 36 39 E	1.1

FINAL CLOSURE - DIRECTION: S 36 DEGS 38 MINS 34 SECS E  
 DISTANCE: 890.25 FEET