

STATE/PORT/TH			
PERMIT FOR			
PRODUCTION OF OIL			

Amoco Production Company

P. O. Box 68, Hobbs, NM 88240

Change in Well	<input checked="" type="checkbox"/>	Change in Transporter of	
Completion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Condensate Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

change of ownership give name and address of previous owner

DESCRIPTION OF WELL AND LEASE

Well Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
So. Hobbs (GSA) Unit	122	Hobbs GSA	State, Federal or Fee	Fee
Location Bottom hole location; 1380.95 FNL & 39.20 FWL, Sec. 3, T-19-S R-38-E				
Unit Letter <u>H/E</u> ; 1726 Feet From The <u>North</u> Line and 167 Feet From The <u>East</u>				
Line of Section <u>4/3</u> Township <u>19-S</u> Range <u>38-E</u> N.M.P.M. <u>Lea</u> County				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil	<input checked="" type="checkbox"/>	or Condensate	<input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Shell Pipeline Company				P. O. Box 1008, Hobbs, NM 88240
Name of Authorized Transporter of Condensate Gas	<input checked="" type="checkbox"/>	or Dry Gas	<input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Philips Petroleum Co.				4001 Penbrook, Odessa, TX 79762
Well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.
	B	9	19	38
Is gas actually connected?	When			
Yes	7-13-79			

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

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Some Restv.	Full Restv.
	X		X					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
11-28-78	7-13-79	4318'						
Location (DP, RNB, RT, CR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Testing Depth					
3612.9 GR	Grayburg San Andres	3942'	4277'					
Observations			Depth Casing Shoe					
<u>Open Hole</u>			3924					

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
15"	11-3/4"	1571'	750 sx Lite & 100 sx Cla
11"	8-5/8"	3927'	815 sx Class C

TEST DATA AND REQUEST FOR ALLOWABLES (Test must be after recovery of total volume of lost oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Ran To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
5-5-79	7-13-79	Pump	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 hrs.			
Initial Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF
	77	252	193

GAS WELL

Initial Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Casing Pressure (Inlet, Back pr.)	Tubing Pressure (Inlet-5ft)	Casing Pressure (Inlet-5ft)	Choke Size

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 is true and complete to the best of my knowledge and belief.

0+4 NMCCD-H 1-Hou 1-Susp (1-BD) 1-Shell
1-Petro Lewis 1-Sun 1-Arco

Ray Cox
Administrative Supervisor
(Date) 7-23-79

OIL CONSERVATION COMMISSION

SEP 4 1979

APPROVED: _____

BY: _____

TITLE: SUPERVISOR DISTRICT I

This form is to be filed in compliance with RULE 1104.

If this is a request for allowables for a newly drilled or deepened well, this form must be accompanied by a tabulation of the completion tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowables to be calculated.

Fill out only sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of conditions.

AMOCO PRODUCTION COMPANY
SOUTH HOERS UNIT WELL NO. 122
LEA COUNTY, NEW MEXICO
EASTMAN WHIPSTOCK, INC.
MAGNETIC MULTI SHOT WT-1178 S-0542
SURVEYOR: DICK CRANDALL 11-30-78
MAGNETIC MULTI SHOT WT-1278 S-0665
SURVEYOR: MIKE TEAFF 12-13-78

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

(13)

MEASURED		DRIFT		ORIFT		VERTICAL		RECTANGULAR		CLOSURE		DOG LEG	
DEPTH	ANGLE	DIRECTION	DEPTH	COLOR	DEPTH	DIMENSIONS	DISTANCE	DIRECTION	SEVERITY	LEG	DEPTH	ANGLE	DIRECTION
FEET	°		FEET	FEET	FEET	FEET	FEET	°	FEET	FEET	FEET	°	FEET
0.	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.	0 30	N 36 E	94.00	.33 N	.24 E	.41 N	.36 E	.5					
153.	0 45	N 20 E	153.00	.90 N	.54 E	1.05 N	1.31 E	.5					
214.	1 0	N 36 E	213.99	1.72 N	.98 E	1.98 N	2.39 E	.6					
272.	1 15	N 48 E	271.98	2.56 N	1.74 E	3.10 N	3.9 E	.6					
330.	1 0	N 20 E	329.97	3.50 N	2.37 E	4.22 N	5.7 E	1.0					
390.	0 30	N 37 E	389.96	4.19 N	2.74 E	5.00 N	6.14 E	.9					
49.	0 30	N 85 E	448.95	4.43 N	3.18 E	5.45 N	6.41 E	.7					
1330.	0 45	S 24 E	479.96	4.42 N	3.52 E	5.65 N	6.29 E	.9					
541.	0 45	S 90 E	540.95	4.38 N	4.31 E	6.15 N	7.33 E	.1					
602.	1 0	N 71 E	601.94	4.54 N	5.23 E	5.92 N	7.49 E	.6					
664.	1 0	N 62 E	663.93	4.97 N	6.22 E	7.96 N	9.24 E	.3					
723.	1 0	N 63 E	722.93	5.44 N	7.13 E	8.97 N	10.40 E	.6					
786.	1 0	N 80 E	785.92	5.79 N	8.17 E	10.02 N	11.41 E	.5					
845.	1 0	S 80 E	844.91	5.79 N	9.20 E	10.87 N	12.45 E	.5					
905.	1 0	S 80 E	904.90	5.61 N	10.23 E	11.66 N	13.16 E	0.0					
967.	0 45	N 57 E	966.89	5.79 N	11.13 E	12.55 N	14.31 E	1.1					
1030.	0 30	S 48 E	1029.89	5.74 N	11.77 E	13.10 N	14.0 E	1.2					
1090.	0 30	S 60 E	1089.88	5.44 N	12.19 E	13.35 N	15.59 E	.2					
1153.	0 15	S 75 E	1152.88	5.28 N	12.57 E	13.64 N	16.14 E	.4					
15.	0 45	S 60 E	1214.88	5.07 N	13.07 E	14.02 N	16.48 E	.8					
177.	0 45	S 72 E	1276.88	4.78 N	13.83 E	14.63 N	17.55 E	.4					
1339.	0 45	N 84 E	1338.87	4.74 N	14.63 E	15.38 N	18.3 E	.4					
1401.	1 0	N 84 E	1400.86	4.84 N	15.58 E	16.31 N	19.45 E	.4					
1461.	1 0	N 68 E	1460.85	5.09 N	16.59 E	17.35 N	20.56 E	.5					
1524.	1 0	N 50 E	1523.84	5.65 N	17.53 E	18.42 N	21.7 E	.5					
1621.	1 0	N 52 E	1620.83	6.72 N	18.24 E	20.01 N	22.2 E	.0					
1652.	1 0	N 50 E	1651.82	7.06 N	19.26 E	20.52 N	23.2 E	.0					
1713.	1 45	N 47 E	1712.81	8.03 N	20.36 E	21.89 N	24.2 E	.1					
1775.	4 0	N 37 E	1774.72	10.34 N	22.44 E	24.70 N	28.16 E	3.7					

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	VERTICAL DEPTH FEET	RECTANGULAR		DISTANCE FEET	CLOSURE DIRECTION D M	DOG LEG SEVERITY DEG/100FT
				C O O R D I N A T E S FEET	A N G L E S			
1836.	6 15	N 33 E	1835.48	14.80	N	25.56	E	3.7
1698.	7 0	N 36 E	1897.06	20.69	N	29.61	E	1.3
1960.	7 45	N 34 E	1958.55	27.21	N	34.18	E	1.3
2021.	8 30	N 35 E	2011.94	34.32	N	39.06	E	1.3
2083.	9 45	N 35 E	2080.15	42.37	N	44.70	E	2.0
2145.	10 45	N 36 E	2141.16	51.35	N	51.11	E	1.6
2206.	11 0	N 35 E	2201.06	60.72	N	57.79	E	.5
2289.	11 15	N 36 E	2261.90	70.46	N	64.74	E	.5
2329.	11 15	N 36 E	2321.73	80.09	N	71.73	E	.5
2351.	11 30	N 36 E	2382.51	89.98	N	78.92	E	0.0
2484.	11 0	N 35 E	2473.72	104.75	N	89.45	E	.4
2545.	11 15	N 37 E	2533.58	114.28	N	96.37	E	.5
2607.	11 0	N 36 E	2594.41	123.89	N	103.49	E	.8
2669.	10 45	N 37 E	2655.30	133.29	N	110.45	E	.5
2730.	10 30	N 37 E	2715.25	142.28	N	117.21	E	.5
2792.	10 0	N 38 E	2776.26	151.03	N	123.93	E	.4
2853.	8 15	N 35 E	2836.49	158.80	N	129.68	E	.9
2915.	8 15	N 36 E	2897.85	166.05	N	134.85	E	3.0
2977.	8 0	N 37 E	2959.22	173.09	N	140.06	E	.2
3038.	7 45	N 37 E	3019.65	179.77	N	145.09	E	.5
3062.	7 30	N 35 E	3081.10	186.42	N	149.93	E	.4
3223.	8 15	N 36 E	3142.53	193.35	N	154.60	E	.6
3285.	9 0	N 36 E	3202.92	200.46	N	159.49	E	.9
3346.	10 15	N 36 E	3264.22	207.98	N	164.95	E	.8
3406.	11 0	N 37 E	3324.36	216.84	N	169.96	E	1.2
3470.	11 30	N 17 E	3385.30	227.57	N	173.67	E	4.1
3531.	12 0	N 19 E	3446.10	239.08	N	177.61	E	2.2
3593.	12 45	N 18 E	3505.83	250.06	N	181.55	E	1.0
3655.	13 30	N 16 E	3566.38	263.56	N	185.43	E	.9
		N 17 E	3626.76	277.06	N	189.43	E	1.4
						335.63	E	1.3

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION	VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	CLOSURE DISTANCE FEET	SURFACE DIRECTION	DOG LEG SEVERITY DEG/100FT
3716.	14 0	N 15 E	3686.02	291.00 N 193.43 E	349.42	N 33 37 E	1.1
3778.	14 45	N 13 E	3746.07	305.93 N 197.15 E	363.96	N 32 48 E	1.5
3839.	15 30	N 14 E	3804.96	321.41 N 200.87 E	379.01	N 32 0 E	1.3
3901.	16 15	N 12 E	3864.60	337.93 N 204.68 E	395.09	N 31 12 E	1.5
3927.	16 15	N 12 E	3889.56	345.05 N 206.20 E	401.96	N 30 52 E	0.0

FINAL CLOSURE - DIRECTION: N 30 DEGS 51 MINS 42 SECS E
 DISTANCE: 401.96 FEET

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