

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐		5a. Indicate Type of Lease State ☐ Fee ☒
2. Name of Operator Amoco Production Company		5. State Oil & Gas Lease No.
3. Address of Operator 501 Airport Drive, Farmington, NM 87401		7. Unit Agreement Name
4. Location of Well UNIT LETTER <u>K</u> <u>1650</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>25</u> TOWNSHIP <u>24N</u> RANGE <u>1W</u> N.M.P.M.		8. Farm or Lease Name Amoco Federal Schmitz Anticline
15. Elevation (Show whether DF, RT, GR, etc.) 7262' GR		9. Well No. 1
16.		10. Field and Pool, or Wildcat W. Puerto Chiquito Manco W.C. Dakota
		12. County Rio Arriba

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Amoco Production Company requests approval to repair the above referenced well according to the attached procedure.

Verbal approval received 2/18/85 per telecon L. Murphy/Ernie Bush.

RECEIVED
FEB 21 1985
OIL CON. DIV.
DIST. 3

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Original Signed by

B. D. Shaw

SIGNED _____

TITLE Administrative Supervisor

DATE 2/18/85

Original Signed by FRANK T. CHAVEZ

APPROVED BY _____

TITLE SUPERVISOR DISTRICT #3

DATE FEB 21 1985

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON DISTRICT WORKOVER

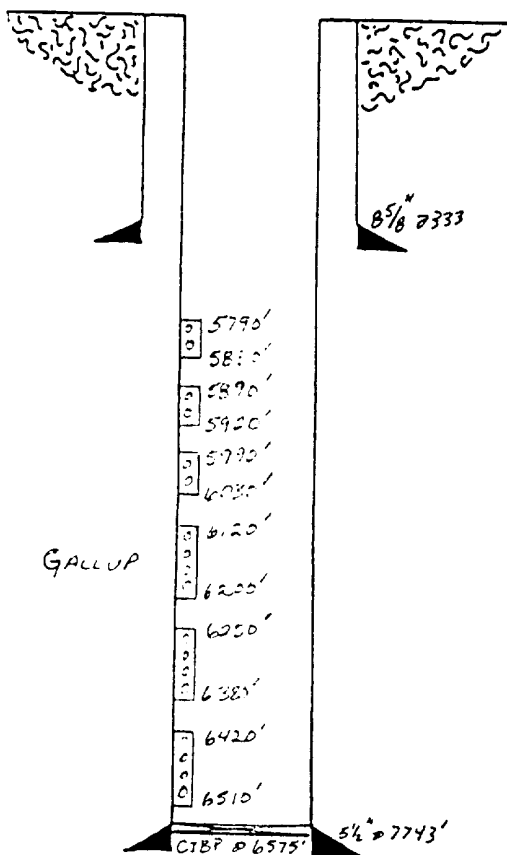
DATE: 1-31-85

OPERATIONS TO BE PERFORMED: (CIRCLE ONE) RECOMPLETION (REPAIR) SERVICE
 LEASE AND WELL SCHMITZ ANTICLINE #1 FIELD W. PUERTO CHIQ. MANCIS
 FORMATION GALLUP LOGS DIL-SP-GR; CNL-LDL-GR-CNL.
 LOCATION 1980' FWL X 1650' FSL; SEC. 25; T34N; R1W; RIO ARRIBA Co., NM
 COMP. DATE _____ EL: 7274' KB TD: 7744' PBD: 6575'
 CSG: 8 5/8" 24.0 # K-55 @ 333'; 5 1/2" 15.5 # K-55 @ 7743'
 COMP. INT. 5790' - 6510' ORIG. STIM. 134,000 GAL. 30" X 164,000"
 IP _____ 210,000 GAL. 30" X 260,000"
 CURRENT PROD. INT. 5790' - 6510'
 PURPOSE: CLEAN OUT SAND FILL, REPAIR POSSIBLE CSG. LEAK, AND CHEMICAL TREAT FOR WATER BLOCK.

WJH TKA TWE GOM MCH
(DHS) (RGH) 5/PERMITTING DESK 2FF MEB
 BVD ENGR FILE
 GMK

WELLBORE SKETCH

PROCEDURE



*SEE ATTACHMENTS

- 1) MIRUSU. TOH WITH RODS AND PUMP LANDED AT 6430'.
- 2) TIH WITH 4-5 JOINTS OF TUBING TO PBD OF 6575' IF POSSIBLE. IF MORE THAN 50' OF SAND FILL IS ENCOUNTERED, CLEAN OUT TO PBD WITH NITROGEN.
- 3) TOH WITH TUBING.
- 4) TIH WITH BRIDGE PLUG, PACKER, SEATING NIPPLE, AND TUBING (SEATING NIPPLE WILL BE USED LATER FOR SEATING A RETRIEVAL FLUID CONTROL VALVE). SET BP AT 5750'
- 5) STING OUT OF BP AND SET PACKER AT 5725'.
- 6) PRESSURE TEST BP (TUBING) TO 3850 PSI. PRESSURE TEST BACKSIDE (CASING) TO 3850 PSI. IF BOTH PRESSURE TESTS HOLD, GO TO STEP # 15. IF CASING LEAK EXISTS, GO TO NEXT STEP.

DISTRICT MANAGER W. J. H. H.
 DISTRICT ENGINEER Jim Altmeyer
 DISTRICT FOREMAN T. W. E.
 ENGINEER MICHAEL BARNE
 DATE 2/5/85
 ENGSP

SCHMITZ ANTICLINE No. 1

- 7) SELECTIVELY TEST CASING FROM 5725' TO SURFACE AND ISOLATE CASING LEAK.
- 8) SET PACKER ABOVE CASING LEAK AND ATTEMPT TO ESTABLISH CIRCULATION THRU LEAK. IF SUFFICIENT RATES OF INJECTION ARE OBTAINED ALLOWING US TO SQUEEZE, GO TO STEP # 9 FOR SQUEEZE PROCEDURE. IF SUFFICIENT RATES ARE NOT OBTAINED, PERFORATE 1 FOOT OF CASING ACROSS THE LEAK WITH 4 SPF. ↑ MONITOR GRADE AHEAD
- 9) SQUEEZE CASING LEAK WITH 50 SX CLASS B CEMENT WITH .7% HALAL 9, 2% $CaCl_2$, AND 6% GUNSONITE. TOH WITH TBG. & PKE.
- 10) SI 24 HOURS TO ALLOW CEMENT TO SET UP.
- 11) TIH WITH TUBING AND MILL AND DRILL OUT CEMENT PLUG.
- 12) PRESSURE TEST SQUEEZE TO 1000 PSI. IF PRESSURE TEST HOLDS, GO TO STEP # 13. IF PRESSURE TEST DOESN'T HOLD, GO TO STEP # 9 AND RE-SQUEEZE.
- 13) TOH WITH TUBING AND MILL.
- 14) TIH WITH PACKER, SEATING NIPPLE (FOR RFC VALVE), AND TUBING. SWAB TUBING AND CSG. DRY.
- 15) LATCH ONTO BP SET AT 5750'. FINISH TIH AND SET EP AT 6525'.
- 16) STAB OUT OF BP AND SET PACKER AT 6400'.
- 17) LEAD RETRIEVABLE FLUID CONTROL VALVE (RFC VALVE) DOWN TUBING (VALVE SEATS INTO SEATING NIPPLE).
- 18) LATCH ALL THE FOLLOWING IN ONE TRANSPORT AND ONE RUN.

4450 GALLONS	LEASE CRUDE	(106 BBS.)
495 GALLONS	SUPER A-SOL	(9 DRUMS)
<u>55 GALLONS</u>	WA-766	(1 DRUM)
5000 GALLONS		

SCHMITZ ANTICLINE No. 1

- 19) SELECTIVELY SQUEEZE 5000 GALLONS FLUID MIXTURE INTO THE SIX GALLUP INTERVALS IN THE FOLLOWING MANNER:

A) RUN TUBING & CASING WITH 1675 GALLONS CHEMICAL MIXTURE.

B) START WORKING HOLE, PROCEED WITH FOLLOWING STEPS:

STAGE #	INTERVAL	PACKER SETTING	BP SETTING	VOLUME
1	6420'-6510'	6400'	6520'	950 GAL. CHEMICAL
2	6250'-6320'	6230'	6390'	1500 GAL. CHEMICAL
3	6120'-6200'	6100'	6210'	875 GAL. CHEMICAL
3	6120'-6200'	6100'	6210'	70 GAL. FLUSH
4	5990'-6030'	5970'	6040'	505 GAL. FLUSH
5	5890'-5920'	5870'	5930'	395 GAL. FLUSH
6	5790'-5830'	5770'	5840'	505 GAL. FLUSH

C) FILL* WITH 1475 GALLONS 35% 1.3 LEASE CRUDE.

- 20) SET WELL OVERNIGHT.
- 21) TIE WITH SANDLINE AND RETRIEVE RFC VALUE.
- 22) LATCH ONTO BP SET AT 5840' AND TOW WITH TUBING, PACKER AND BP.
- 23) TIE WITH SEATING NIPPLE, TUBING ANCHOR, AND TUBING. LATCH TUBING AT 6520', WITH SEATING NIPPLE (2 3/8") ON BOTTOM, AND TUBING ANCHOR AT 6400'.
- 24) TIE WITH RODS (170 3/4" RODS & 87 3/8" RODS) AND PUMP (2" X 1 1/2" PUMP).
- 25) PUT WELL ON PRODUCTION. RECORD ALL LOAD FLUID AND RECORD PRODUCTION DAILY ON DRILLING WIRE.

ILLEGIBLE

SCHMITZ & ANTI

MANUFACTURING & SUPPLY CO., INC.

603 EAST CEDAR • PHONE: 325-2804

FARMINGTON, NEW MEXICO 87401

CSG: S'12-15.5
J-55. L: 10

PRODUCTION STRING RUN AS FOLLOW

- 1) SAWTOOTH COLLAR
- 2) S.N. (10 - 2.28") @ 6430
- 3) 24 JOINTS
- 4) THE ANCHOR (BALDWIN PUMP SET @ 5655'

2055

169 - 3/4"

67-7/2

2/5
30
1

1-2-7/8

PUMP (BALDWIN PUMP & SUPPLY)

 $2\frac{1}{2} \times 1\frac{3}{4} \times 16 \times 16\frac{1}{2} \times 18\frac{1}{2}$

HEAVY WALL - TOP HOLD DOWN

CHROME BOI - 1 3/4 x 6' - 2 RUNNER

SINGLE VALVE - STLS - STL BALLS - TUNG.

CARBIDE SEATS - 1 1/4 GAS ANCHOR

3/4 P.W. : 132" MAX. STROKE

CIRP 26575,
(2/20/81)

CMT. RETAINED (7/15/84)

CMT. RETAINED
D: 7561 (7/7/84)

7773

Amoco Production Company

CASING AND TUBING TALLY

LEASE/UNIT/FACILITY: SCHMITZ ANTICLINE WELL NO. 1 DATE 9/22 1982
 PIPE RUN, SIZE 2 7/8 WEIGHT 6.5 GRADE J-55 TYPE JOINT FLUE MAKE 23 RD NO. FT. 1597.50
 PIPE RUN, SIZE 2 7/8 WEIGHT 6.5 GRADE J-55 TYPE JOINT FLUE MAKE 23 RD NO. FT. 1585.68
 PIPE RUN, SIZE 2 7/8 WEIGHT 6.5 GRADE J-55 TYPE JOINT FLUE MAKE 23 RD NO. FT. 1608.71

NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	TALLY OF JOINTS NOT RUN
1	29 00	51	31 40	101	31 40	151	32 50	201	31 54	251		NO. LENGTH OF JOINT
2	31 53	52	30 24	102	32 50	152	32 50	202	31 44	252		1
3	31 42	53	32 45	103	32 50	153	31 30	203	32 52	253		2
4	31 56	54	31 25	104	32 50	154	30 48	204	32 50	254		3
5	31 43	55	32 48	105	32 56	155	32 50	205	28 73	255		4
6	31 34	56	31 47	106	32 50	156	29 37	206	30 33	256		5
7	31 43	57	30 64	107	32 51	157	32 52	207	31 52	257		6
8	30 40	58	31 53	108	32 54	158	31 41	208	31 67	258		7
9	32 52	59	31 47	109	32 55	159	32 50	209	30 31	259		8
10	31 41	60	32 50	110	32 57	160	32 54	210	31 52	260		9
11	31 36	61	32 53	111	32 52	161	32 52	211	31 37	261		10
12	31 50	62	32 50	112	32 54	162	32 50	212	32 52	262		11
13	31 54	63	32 54	113	32 53	163	32 50	213	32 52	263		12
14	31 49	64	32 49	114	32 51	164	32 51	214	31 45	264		13
15	30 37	65	29 04	115	32 56	165	32 49	215	32 50	265		14
16	29 20	66	29 20	116	32 54	166	32 52	216	32 52	266		15
17	31 23	67	32 52	117	32 50	167	32 54	217	32 53	267		16
18	29 07	68	32 51	118	32 53	168	32 53	218	32 53	268		17
19	32 50	69	31 40	119	32 51	169	32 52	219	32 52	269		18
20	28 94	70	32 57	120	32 49	170	32 53	220	32 54	270		19
21	30 32	71	30 40	121	32 52	171	32 48	221	32 50	271		20
22	32 56	72	32 56	122	32 50	172	32 55	222	32 53	272		21
23	30 23	73	32 49	123	32 50	173	32 55	223	32 52	273		22
24	30 40	74	32 49	124	32 50	174	32 50	224	32 55	274		23
25	31 36	75	31 26	125	32 48	175	32 52	225	32 57	275		24
26	30 34	76	31 51	126	32 49	176	32 50	226	32 55			
27	31 48	77	32 50	127	32 54	177	32 49	227	31 37			
28	29 06	78	32 48	128	32 55	178	32 53	228	30 75			
29	32 50	79	32 57	129	32 55	179	31 48	229	30 06			
30	32 51	80	32 55	130	32 52	180	32 54	230	27 03			
31	32 55	81	32 50	131	32 54	181	31 43	231	32 55			
32	32 55	82	32 52	132	32 52	182	32 53	232	31 48			
33	32 50	83	32 56	133	32 53	183	31 40	233	32 55			
34	32 57	84	29 35	134	32 51	184	32 46	234	32 54			
35	32 53	85	29 35	135	32 53	185	32 55	235	32 55			
36	32 50	86	31 37	136	32 53	186	32 54	236	32 54			
37	32 51	87	31 40	137	32 52	187	32 54	237	32 54			
38	32 55	88	31 35	138	32 50	188	32 51	238	32 55			
39	32 52	89	32 34	139	32 54	189	32 54	239	32 55			
40	32 50	90	31 62	140	30 85	190	32 54	240	32 53			
41	32 51	91	31 35	141	30 45	191	32 53	241	32 53			
42	32 50	92	32 51	142	31 27	192	32 52	242	32 55			
43	32 52	93	29 26	143	31 26	193	32 51	243	32 56			
44	32 52	94	32 55	144	31 33	194	32 55	244	32 56			
45	32 52	95	32 55	145	32 57	195	32 50	245	32 57			
46	32 54	96	32 55	146	29 23	196	32 50	246	32 54			
47	32 55	97	32 54	147	31 42	197	32 51	247	32 53			
48	32 52	98	30 65	148	32 24	198	30 18	248	32 53			
49	30 38	99	31 32	149	29 36	199	31 40	249				
50	31 56	100	32 50	150	31 40	200	31 50	250				

1597.50 1585.68 1608.71 1610.66 1536.22