UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: #/ Walz

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
- 2. Mark Kell, with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907
- Blowout prevention equipment is required.
- 4. The following modifications to your plugging program are to be made (when applicable):

*See Instructions on Reverse Side	AREA MANAGER
CONDITIONS OF APPROVAL, IF ANY:	JAN 0 7 1993
(This space for Federal or State office use) APPROVED BY	A PAPEROVED
18. I hereby certify that the foregology is true and correct SIGNED Wayne Converse Time District Eng	ineer DATE 12/30/92
OIL CON T'	
JAN1 2 1993 SEE ATTACHED FOR CONDITIONS OF APPROVAL	RECEIVED BLM DEC 31 PH 9: 53
Remove wellhead and install P & A marker. Cleaper BLM spec's.	92
See attached plugging procedure for Snyder Oil	Corporation's Walz 1 (PC).
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give proposed work. If well is directionally drilled, give subsurface locations and measured nent to this work.) *	etion or Recompletion Report and Log form.)
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZD REPAIR WELL (Other) PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* SHOOTING OF (Other) (Note:	REATMENT ALTERING CASING
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
16. Check Appropriate Box To Indicate Nature of Notice,	
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 5711' KB 14'	S31, T29N, R10W 12. COUNTY OF PARISH 13. STATE SAN JUAN NM
1680 FSL & 960 FWL	FULCHER KUTZ PC 11. SHC., T., E., M., OR BLK. AND SURVEY OR AREA
P.O. BOX 2038, FARMINGTON, NEW MEXICO 87499 4. Location of Well (Report location clearly and in accordance with any Strice requirements. See also space 17 below.)	9. WELL NO. 10. FIELD AND POOL, OR WILDCAT
SNYDER OIL CORPORATION 3. ADDRESS OF OPERATOR	8. FARM OR LEASE NAME WALZ
OIL GAS WELL OTHER 2. NAME OF OPERATOR	7. UNIT AGREEMENT NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different to use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAM
(Formerly 9-331) DEPARTMENT OF THE INTERIOR (Other Inst. SUREAU OF LAND MANAGEMENT	5. LEASE DESIGNATION AND SERIAL NO. NMNO702
Form 3160-5 (November 1983) UNITED STATES SUBMIT IN	TRIPLICATE Budget Bureau No. 1004-013 Expires August 31, 1985

*See Instructions on Reverse Side NMOCD

SNYDER OIL CORPORATION

WALZ 1 - PC

SEC 31, T29N, R10W GL 5711 ' KB 14 '

9.875 HOLE

105 ' X

1 * CW

1.2 # TBG @

1837 '

6.75

@

2026 '

HOLE

MULTIPLIERS

CEMENT EFFICIENCY	70%
INSIDE CSG	50%
PERFS & OUTSIDE CSG	100%
BETWEEN CASINGS	0%

	~	CALC CMT TOP	FROM	0	,
		SURFACE CSG	ТО	105	•
			TYPE	REG	
		7.625	SXS	30	
		26.4 #	FT3/SX	1.18	
_		CSG@	FT3/FT	0.2148	
X		105 '			

CALC CMT TOP	FROM	848 '
PROD. CSG	TO	2026 '
	TYPE	REG 4% GEL
	SXS	150
	FT3/SX	1.55
	FT3/FT	0.1381

4.5 * 11 # CSG @ 804 '

PBTD 1993 '

PC PERFS

FR 1886 ' TO 1976 '

CAPACITY FACTORS

4.5 * 2.375 0.02171 FT3/FT

16.6 # DP 4.5 0.07980 FT3/FT

DP@ CS 4.5 0.08950 FT3/FT

X 2026 ' CL*B* 1.18 FT3/FT

CL "B"

5.20 GAL/SX

FORMATION TOPS (KB)

	FROM	<u>TO</u>	PROTECT
OJO	660	836	INTERVAL
FRUITLAND	1586	1878	INTERVAL
PICTURED CLIFFS	1878	2026	PERFS
CLIFFHOUSE			
POINT LOOKOUT	•		
GALLUP			
GREENHORN			
DAKOTA			
MORRISON			

- 1. TOH AND LD 1" PRODUCTION STRING.
- TIH W/ 4-1/2* SCRAPER AND 2-3/8* TBG @ 1850'.
 LOAD CSG W/ H20. CIRC H20 TO TANK.
- 3. TIH W/ 4-1/2" CMT RET @ 1850'. PR TST 1000#.
- 4. ESTAB. RATE INTO PERFS @ 1886'.
 PLUG #1 PUMP 66 SXS (78 FT3) CL *B* NEAT
 TO COVER PC\FR INTERVAL FROM 1976' TO 1536'.
 PUMP 34 SXS ~ (4 BBL H20) BELOW CR.
 PUMP 32 SXS ~ (4 BBL H20) ABOVE CR.
 PUMP 3 BBL H20 SPACER BEHIND CMT.
 POOH TO CALC. INSIDE CEMENT TOP @ 1377'.
 LOAD CSG W/ H20. PR TST CSG 1500 PSIG.
 PUMP 7 BBL 9# MUD BEHIND H20 SPACER.
 TOH W/ WORKSTRING.
- 5. PERF 4 SQZ HOLES AT 886'. (50' BELOW KIRTL.) ESTAB. CIRC. OUT BRADENHEAD.
- PLUG #2 PUMP 308 SXS (364 FT3) CL "B" NEAT TO COVER OJO INTERVAL FROM 886' TO SURF. UNTIL GOOD CEMENT CIRC. SI WELL. WOC.
- 7. ND BOP AND CUT OFF WELLHEAD. INSTALL P&A MARKER WITH 10 SXS CEMENT.
- 8. RIG DN. CUT OFF ANCHORS, MOVE OFF LOC.