Submit 3 Copies to Appropriate District Office

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-103
Revised 1-1-89

WELL API NO. 1313600

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: O'SHEA

1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator: SNYDER OIL CORPORATION

8. Well No.: 1

3. Address of Operator: P.O. BOX 2038, FARMINGTON, NM 87499

9. Pool name or Wildcat: BASIN DAKOTA/BLANCO MV

4. Well Location
Unit Letter K : 1813 Feet From The SOUTH Line and 1875 Feet From The WEST Line

Section 3 Township 31N Range 13W NMPM SAN JUAN County

10. Elevation (*Show whether DF, RKB, RT, GR, etc.*) 5818' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐			CASING TEST AND CEMENT JOB	☐		
OTHER:	☐			OTHER:	☐		

12. 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.

See attached P & A procedure, dated 12/14/92 for O'Shea 1 (DK/MV).

Lstimated starting date: 02/28/92

RECEIVED
DEC 21 1992
OIL CON. DIV
DIST. 3

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

SIGNATURE Wayne J. Conners TITLE Dist. Engineer DATE 12/28/92

TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY Original Signed by CHARLES GHOLSON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE DEC 21 1992

CONDITIONS OF APPROVAL, IF ANY:

P & A PROCEDURE — 12/14/92

SNYDER OIL CORPORATION

O'SHEA 1 - DK \ MV

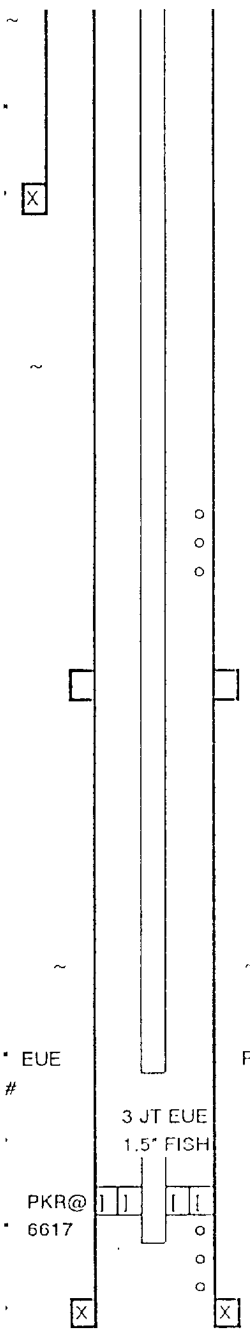
SEC 3, T31N, R13W
GL 5818 '
KB 12 '

MULTIPLIERS

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

FORMATION TOPS (KB)

	FROM	TO	PROTECT
OJO	375	693	INTERVAL
FRUITLAND	1453	2050	INTERVAL
PICTURED CLIFFS	2050	2121	TOP
CLIFFHOUSE	3760	3913	TOP
POINT LOOKOUT	4486	4827	PERFS
GALLUP	5802	6252	TOP
GREENHORN	6546	6658	
DAKOTA	6658	0	PERFS
MORRISON			



CALC CMT TOP	FROM	0 '	
SURFACE CSG	TO	194 '	
	TYPE	REG	
9.625 "	SXS	175	
32.3 #	FT3/SX	1.18	
CSG @	FT3/FT	0.5259	
194 '			
CALC CMT TOP	FROM	3638 '	
2ND STAGE	TO	4793 '	
	TYPE	50/50/4	
	SXS	200	
MV PERFS	FT3/SX	1.43	
FR 4489 '	FT3/FT	0.1733	
TO 4723 '			
STAGE COLLAR 4793 '			
CALC CMT TOP	FROM	5632 '	
1ST STAGE	TO	6900 '	
	TYPE	50/50/4	HAL9
PBTD 6503 '	SXS	100	130
	FT3/SX	1.54	1.23
DK PERFS	FT3/FT	0.1733	
FR 6670 '			
TO 6875 '			

CAPACITY FACTORS

5.5 "	2.875	0.0239	FT3/FT
15.5 #	5.5	0.1336	FT3/FT
CSG @	CL "B"	1.18	FT3/FT
6900 '	CL "B"	5.20	GAL/SX

1. TOH AND LD 1-1/2" PRODUCTION STRING.
2. TIH W/ 5-1/2" SCRAPER AND 2-7/8" TBG @ 6490'.
3. TIH W/ 5-1/2" CMT RET @ 6490'. PR TST - 1000#.
4. ESTAB. RATE INTO PERFS @ 6670'.
   PLUG #1 - PUMP 187 SXS - (221 FT3) CL "B" NEAT
   TO COVER DK\GP INTERVAL FROM 6875' TO 5752'.
   PUMP 103 SXS ~ (13 BBL H2O) BELOW CR.
   PUMP 84 SXS ~ (10 BBL H2O) ABOVE CR.
   PUMP 10 BBL H2O SPACER BEHIND CMT.
   CALC. INSIDE CEMENT TOP @ 5748'.
5. TOH W/ WORKSTRING.
   TIH W/ 5-1/2" CMT RET @ 4439'. PR TST - 1000#.
6. ESTAB. RATE INTO PERFS @ 4489'.
   PLUG #2 - PUMP 183 SXS - (216 FT3) CL "B" NEAT
   TO COVER MV INTERVAL FROM 4723' TO 3710'.
   PUMP 100 SXS ~ (13 BBL H2O) BELOW CR.
   PUMP 83 SXS ~ (10 BBL H2O) ABOVE CR.
   PUMP 16 BBL H2O SPACER BEHIND CMT.
   CALC. INSIDE CEMENT TOP @ 3706'.
7. POH TO 3706'. LOAD CSG W/ H2O - CIRC CLEAN.
   PR TST CSG TO 1000#. TOH W/ WORKSTRING.
8. PERF 4 SQZ HOLES AT 2100'. (50' BELOW PC.)
   TIH W/ 5-1/2" CMT RET @ 2050'. PR TST - 1000#.
9. ESTAB. RATE INTO PERFS @ 2100'. CIRC OUT BH.
   PLUG #3 - PUMP 628 SXS - (741 FT3) CL "B" NEAT
   TO COVER PC INTERVAL FROM 2100' TO SURFAC
   PUMP 622 SXS ~ (77 BBL H2O) BELOW CR.
   PUMP 6 SXS ~ (1 BBL H2O) ABOVE CR.
   PUMP 8 BBL H2O SPACER BEHIND CMT.
   CALC. INSIDE CEMENT TOP @ 1997'.
   TOH W/ WORKSTRING.

2/26/93
GREG/[illegible] SUGGESTED
REPLACING WITH A 65-35
BLEND IF THAT FRUITLAND
FORMATION DOES NOT BREAK
DOWN. HAVE NMOCD APPROVAL
TO WAYNE CONVERSE. drf

SNYDER OIL CORPORATION

O'SHEA 1 - DK \ MV

10. IF CMT CIRC TO SURF, SKIP TO STEP 15.
PERF 4 SQZ HOLES AT 1503'. (50' BELOW FR.)
TIH W/ 5-1/2" CMT RET @ 1453'. PR TST - 1000#.

11. ESTAB. RATE INTO PERFS @ 1503'.
PLUG #4 - PUMP 41 SXS - (48 FT3) CL "B" NEAT
TO COVER FR INTERVAL FROM 1503' TO 1403'.
PUMP 35 SXS ~ (4 BBL H2O) BELOW CR.
PUMP 6 SXS ~ (1 BBL H2O) ABOVE CR.
PUMP 6 BBL H2O SPACER BEHIND CMT.
CALC. CEMENT TOP @ 1400'.
TOH W/ WORKSTRING.

12. PERF 4 SQZ HOLES AT 743'. (50' BELOW KIRTL.)
ESTAB. CIRC. OUT BRADENHEAD.

14. PLUG #5 - PUMP 302 SXS - (357 FT3) CL "B" NEAT
TO COVER OJO INTERVAL FROM 743' TO SURF.
UNTIL GOOD CEMENT CIRC. SI WELL. WOC.

15. IF STEPS 10 TO 14 ARE SKIPPED, DO THIS STEP.
TIH W/ 5-1/2" CMT RET @ 1503'. PR TST - 1000#.
PLUG #4 - PUMP 12 SXS - (14 FT3) CL "B" NEAT
TO COVER FR INTERVAL FROM 1503' TO 1403'.
PUMP ALL CMT ABOVE CR.
PUMP 6 BBL H2O SPACER BEHIND CMT.
CALC. CEMENT TOP @ 1400'.
POOH W/ WORKSTRING TO 743'. (50' BELOW KL.)
PLUG #5 - PUMP 84 SXS - (99 FT3) CL "B" NEAT
TO COVER OJO INTERVAL FROM 743' TO SURF.
CIRC GOOD CEMENT. SI WELL. WOC.

16. ND BOP AND CUT OFF WELLHEAD. INSTALL P&A
MARKER WITH 10 SXS CEMENT.

17. RIG DN. CUT OFF ANCHORS. MOVE OFF LOC.

P & A PROCEDURE

12/14/92

SNYDER OIL CORPORATION

O'SHEA 1 - DK \ MV

SEC 3, T31N, R13W
GL 5818 '
KB 12 '

MULTIPLIERS

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

FORMATION TOPS (KB)

	FROM	TO	PROTECT
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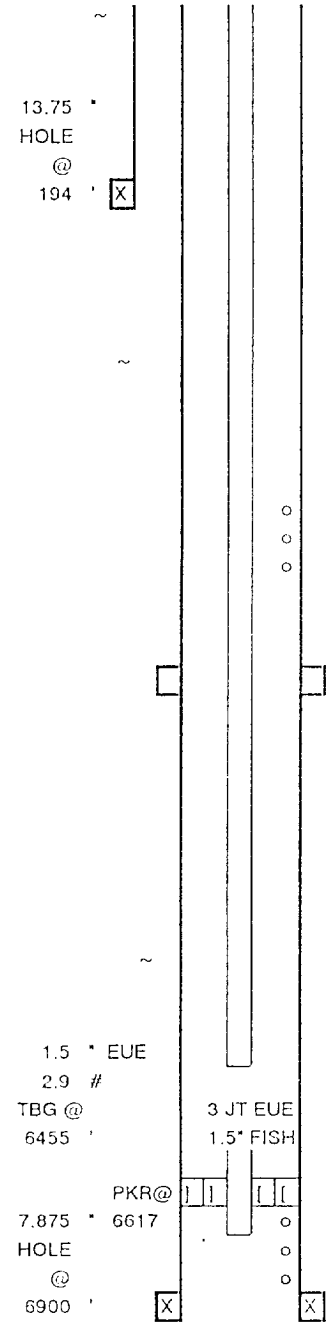
FRUITLAND	1453	2050	INTERVAL
PICTURED CLIFFS	2050	2121	TOP
CLIFFHOUSE	3760	3913	TOP
POINT LOOKOUT	4486	4827	PERFS
GALLUP	5802	6252	TOP
GREENHORN	6546	6658	
DAKOTA	6658	0	PERFS
MORRISON			



~ CALC CMT TOP FROM 0 '
SURFACE CSG TO 194 '
TYPE REG
9.625 " SXS 175
32.3 # FT3/SX 1.18
CSG @ FT3/FT 0.5259
X 194 ' X

~ CALC CMT TOP FROM 3638 '
2ND STAGE TO 4793 '
TYPE 50/50/4
SXS 200
MV PERFS FT3/SX 1.43
FR 4489 ' FT3/FT 0.1733
TO 4723 '

STAGE COLLAR 4793 '

~ CALC CMT TOP FROM 5632 '
1ST STAGE TO 6900 '
TYPE 50/50/4 HAL9
PBTD 6503 ' SXS 100 130
FT3/SX 1.54 1.23
DK PERFS FT3/FT 0.1733
FR 6670 '
TO 6875 '

CAPACITY FACTORS

5.5 "	2.875 0.0239	FT3/FT
15.5 #	5.5 0.1336	FT3/FT
CSG @	CL "B" 1.18	FT3/FT
6900 '	CL "B" 5.20	GAL/SX

1. TOH AND LD 1-1/2" PRODUCTION STRING.
2. TIH W/ 5-1/2" SCRAPER AND 2-7/8" TBG @ 6490'.
3. TIH W/ 5-1/2" CMT RET @ 6490'. PR TST - 1000#.
4. ESTAB. RATE INTO PERFS @ 6670'.
   PLUG #1 - PUMP 187 SXS - (221 FT3) CL "B" NEAT
   TO COVER DK\GP INTERVAL FROM 6875' TO 5752'.
   PUMP 103 SXS ~ (13 BBL H2O) BELOW CR.
   PUMP 84 SXS ~ (10 BBL H2O) ABOVE CR.
   PUMP 10 BBL H2O SPACER BEHIND CMT.
   CALC. INSIDE CEMENT TOP @ 5748'.
5. TOH W/ WORKSTRING.
   TIH W/ 5-1/2" CMT RET @ 4439'. PR TST - 1000#.
6. ESTAB. RATE INTO PERFS @ 4489'.
   PLUG #2 - PUMP 183 SXS - (216 FT3) CL "B" NEAT
   TO COVER MV INTERVAL FROM 4723' TO 3710'.
   PUMP 100 SXS ~ (13 BBL H2O) BELOW CR.
   PUMP 83 SXS ~ (10 BBL H2O) ABOVE CR.
   PUMP 16 BBL H2O SPACER BEHIND CMT.
   CALC. INSIDE CEMENT TOP @ 3706'.
7. POH TO 3706'. LOAD CSG W/ H2O - CIRC CLEAN.
   PR TST CSG TO 1000#. TOH W/ WORKSTRING.
8. PERF 4 SQZ HOLES AT 2100'. (50' BELOW PC.)
   TIH W/ 5-1/2" CMT RET @ 2050'. PR TST - 1000#.
9. ESTAB. RATE INTO PERFS @ 2100'. CIRC OUT BH.
   PLUG #3 - PUMP 628 SXS - (741 FT3) CL "B" NEAT
   TO COVER PC INTERVAL FROM 2100' TO SURFAC
   PUMP 622 SXS ~ (77 BBL H2O) BELOW CR.
   PUMP 6 SXS ~ (1 BBL H2O) ABOVE CR.
   PUMP 8 BBL H2O SPACER BEHIND CMT.
   CALC. INSIDE CEMENT TOP @ 1997'.
   TOH W/ WORKSTRING.

SNYDER OIL CORPORATION

O'SHEA 1 - DK \ MV

10. IF CMT CIRC TO SURF, SKIP TO STEP 15.
PERF 4 SQZ HOLES AT 1503'. (50' BELOW FR.)
TIH W/ 5-1/2" CMT RET @ 1453'. PR TST - 1000#.

11. ESTAB. RATE INTO PERFS @ 1503'.
PLUG #4 - PUMP 41 SXS - (48 FT3) CL "B" NEAT
TO COVER FR INTERVAL FROM 1503' TO 1403'.
PUMP 35 SXS ~ (4 BBL H2O) BELOW CR.
PUMP 6 SXS ~ (1 BBL H2O) ABOVE CR.
PUMP 6 BBL H2O SPACER BEHIND CMT.
CALC. CEMENT TOP @ 1400'.
TOH W/ WORKSTRING.

12. PERF 4 SQZ HOLES AT 743'. (50' BELOW KIRTL.)
ESTAB. CIRC. OUT BRADENHEAD.

14. PLUG #5 - PUMP 302 SXS - (357 FT3) CL "B" NEAT
TO COVER OJO INTERVAL FROM 743' TO SURF.
UNTIL GOOD CEMENT CIRC. SI WELL. WOC.

15. IF STEPS 10 TO 14 ARE SKIPPED, DO THIS STEP.
TIH W/ 5-1/2" CMT RET @ 1503'. PR TST - 1000#.
PLUG #4 - PUMP 12 SXS - (14 FT3) CL "B" NEAT
TO COVER FR INTERVAL FROM 1503' TO 1403'.
PUMP ALL CMT ABOVE CR.
PUMP 6 BBL H2O SPACER BEHIND CMT.
CALC. CEMENT TOP @ 1400'.
POOH W/ WORKSTRING TO 743'. (50' BELOW KL.)
PLUG #5 - PUMP 84 SXS - (99 FT3) CL "B" NEAT
TO COVER OJO INTERVAL FROM 743' TO SURF.
CIRC GOOD CEMENT. SI WELL. WOC.

16. ND BOP AND CUT OFF WELLHEAD. INSTALL P&A
MARKER WITH 10 SXS CEMENT.

17. RIG DN. CUT OFF ANCHORS. MOVE OFF LOC.

P & A PROCEDURE

12/14/92

SNYDER OIL CORPORATION

O'SHEA 1 - DK \ MV

SEC 3, T31N, R13W
GL 5818 '
KB 12 '

MULTIPLIERS

CEMENT EFFICIENCY	70%
INSIDE CSG	0%
PERFS & OUTSIDE CSG	100%
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FORMATION TOPS (KB)

	FROM	TO	PROTECT
OJO	375	693	INTERVAL
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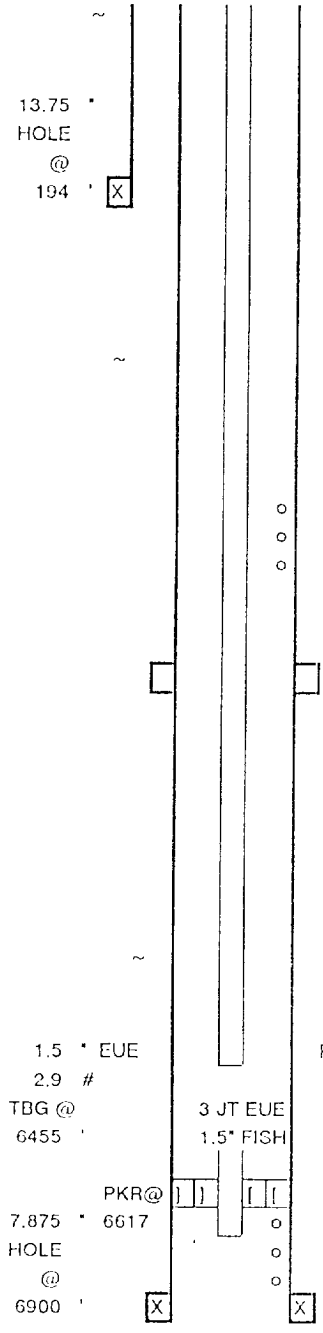
GALLUP	5802	6252	TOP
GREENHORN	6546	6658	
DAKOTA	6658	0	PERFS
MORRISON			



~ CALC CMT TOP FROM 0 '
SURFACE CSG TO 194 '
TYPE REG
9.625 " SXS 175
32.3 # FT3/SX 1.18
CSG @ FT3/FT 0.5259
X 194 ' X

~ CALC CMT TOP FROM 3638 '
2ND STAGE TO 4793 '
TYPE 50/50/4
SXS 200
MV PERFS FT3/SX 1.43
FR 4489 ' FT3/FT 0.1733
TO 4723 '

STAGE COLLAR 4793 '

~ CALC CMT TOP FROM 5632 '
1ST STAGE TO 6900 '
TYPE 50/50/4 HAL9
PBTD 6503 ' SXS 100 130
FT3/SX 1.54 1.23
DK PERFS FT3/FT 0.1733
FR 6670 '
TO 6875 '

CAPACITY FACTORS

5.5 "	2.875	0.0239 FT3/FT
15.5 #	5.5	0.1336 FT3/FT
CSG @	CL "B"	1.18 FT3/FT
6900 '	CL "B"	5.20 GAL/SX

1. TOH AND LD 1-1/2" PRODUCTION STRING.
2. TIH W/ 5-1/2" SCRAPER AND 2-7/8" TBG @ 6490'.
3. TIH W/ 5-1/2" CMT RET @ 6490', PR TST - 1000#.
4. ESTAB. RATE INTO PERFS @ 6670'.
   PLUG #1 - PUMP 187 SXS - (221 FT3) CL "B" NEAT
   TO COVER DK\GP INTERVAL FROM 6875' TO 5752'.
   PUMP 103 SXS ~ (13 BBL H2O) BELOW CR.
   PUMP 84 SXS ~ (10 BBL H2O) ABOVE CR.
   PUMP 10 BBL H2O SPACER BEHIND CMT.
   CALC. INSIDE CEMENT TOP @ 5748'.
5. TOH W/ WORKSTRING.
   TIH W/ 5-1/2" CMT RET @ 4439', PR TST - 1000#.
6. ESTAB. RATE INTO PERFS @ 4489'.
   PLUG #2 - PUMP 183 SXS - (216 FT3) CL "B" NEAT
   TO COVER MV INTERVAL FROM 4723' TO 3710'.
   PUMP 100 SXS ~ (13 BBL H2O) BELOW CR.
   PUMP 83 SXS ~ (10 BBL H2O) ABOVE CR.
   PUMP 16 BBL H2O SPACER BEHIND CMT.
   CALC. INSIDE CEMENT TOP @ 3706'.
7. POH TO 3706'. LOAD CSG W/ H2O - CIRC CLEAN.
   PR TST CSG TO 1000#. TOH W/ WORKSTRING.
8. PERF 4 SQZ HOLES AT 2100'. (50' BELOW PC.)
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9. ESTAB. RATE INTO PERFS @ 2100'. CIRC OUT BH.
   PLUG #3 - PUMP 628 SXS - (741 FT3) CL "B" NEAT
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SNYDER OIL CORPORATION

O'SHEA 1 - DK \ MV

10. IF CMT CIRC TO SURF, SKIP TO STEP 15.
PERF 4 SQZ HOLES AT 1503'. (50' BELOW FR.)
TIH W/ 5-1/2" CMT RET @ 1453'. PR TST - 1000#.

11. ESTAB. RATE INTO PERFS @ 1503'.
PLUG #4 - PUMP 41 SXS - (48 FT3) CL "B" NEAT
TO COVER FR INTERVAL FROM 1503' TO 1403'.
PUMP 35 SXS ~ (4 BBL H2O) BELOW CR.
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UNTIL GOOD CEMENT CIRC. SI WELL. WOC.

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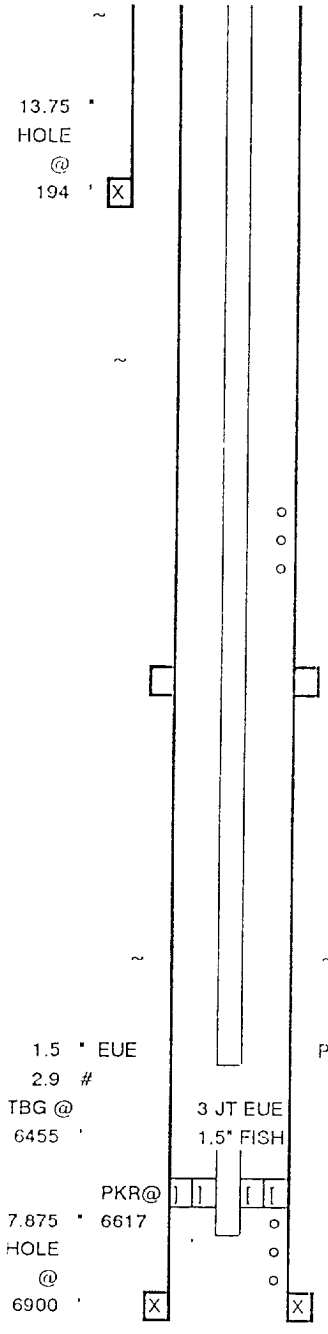
MORRISON			



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TYPE REG
9.625 " SXS 175
32.3 # FT3/SX 1.18
CSG @ FT3/FT 0.5259
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2ND STAGE TO 4793 '
TYPE 50/50/4
SXS 200
MV PERFS FT3/SX 1.43
FR 4489 ' FT3/FT 0.1733
TO 4723 '

STAGE COLLAR 4793 '

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   PLUG #3 - PUMP 628 SXS - (741 FT3) CL "B" NEAT
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   PUMP 622 SXS ~ (77 BBL H2O) BELOW CR.
   PUMP 6 SXS ~ (1 BBL H2O) ABOVE CR.
   PUMP 8 BBL H2O SPACER BEHIND CMT.
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SNYDER OIL CORPORATION

O'SHEA 1 - DK \ MV

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PLUG #4 - PUMP 41 SXS - (48 FT3) CL "B" NEAT
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12. PERF 4 SQZ HOLES AT 743'. (50' BELOW KIRTL.)
ESTAB. CIRC. OUT BRADENHEAD.

14. PLUG #5 - PUMP 302 SXS - (357 FT3) CL "B" NEAT
TO COVER OJO INTERVAL FROM 743' TO SURF.
UNTIL GOOD CEMENT CIRC. SI WELL. WOC.

15. IF STEPS 10 TO 14 ARE SKIPPED, DO THIS STEP.
TIH W/ 5-1/2" CMT RET @ 1503'. PR TST - 1000#.
PLUG #4 - PUMP 12 SXS - (14 FT3) CL "B" NEAT
TO COVER FR INTERVAL FROM 1503' TO 1403'.
PUMP ALL CMT ABOVE CR.
PUMP 6 BBL H2O SPACER BEHIND CMT.
CALC. CEMENT TOP @ 1400'.
POOH W/ WORKSTRING TO 743'. (50' BELOW KL.)
PLUG #5 - PUMP 84 SXS - (99 FT3) CL "B" NEAT
TO COVER OJO INTERVAL FROM 743' TO SURF.
CIRC GOOD CEMENT. SI WELL. WOC.

16. ND BOP AND CUT OFF WELLHEAD. INSTALL P&A
MARKER WITH 10 SXS CEMENT.

17. RIG DN. CUT OFF ANCHORS. MOVE OFF LOC.