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NEW MEXICO OIL CONSERVATION COMMISSION

PR-4 DEC 29 11 47 PM '66

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-5301
7. Unit Agreement Name -
8. Farm or Lease Name State Land "76"
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated
12. County Lea

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER- (Formerly produced oil)
2. Name of Operator Sunray DX Oil Company
3. Address of Operator P. O. Box 1416, Roswell, New Mexico
4. Location of Well UNIT LETTER J , 4620 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 2 TOWNSHIP 16S RANGE 32E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 4319 DF

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER Recomplete well in Morrow-gas <input checked="" type="checkbox"/> (Formerly produced from Devonian-oil)

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.

1. Pulled reda pump. Displaced hole w/fresh water.
2. Pumped into Devonian perfs 13,352-92. Mixed 200 sxs incor pozmix and squeezed Devonian perfs to 3000#. P.B. w/cement to 12,510'.
3. Perf 4 holes 12,188-89 for lower block squeeze of Morrow. Squeezed perfs to 6900# w/48 sxs incor pozmix.
4. Perf 4 holes 12,141-42 for upper block squeeze of Morrow. Squeezed perfs to 5000# w/50 sxs. Communication existed around packer. Found hole in casing at 6835. Set packer at 6625 and squeezed hole at 6835 w/100 sxs incor pozmix to 2000#.
5. Drilled cmt and cleaned out to 12,175'. Tested csg. to 1500# for 30 min. Held OK.
6. Perf with 1/2" bullets, one hole at each of the following depths 12,160', 12,161', 12,163', 12,165', 12,166', 12,167', 12,169', 12,170'. Well kicked off after perforating.
7. Ran Baker Model "D" pkr and set @ 12,150'. Tested at rate of 6400 MCFPD for 2 hrs. SI over-night and well blew out of 9 5/8" intermediate csg. Picked up tbq out of Model "D" packer. Killed well w/salt water. Laid 50 sx cmt plug from 12,140 up.
8. Located hole in 5 1/2" csg at 6735'. Displaced 900 sxs incor pozmix out hole. Had good circulation out of 9 5/8" during job. Squeezed hole w/70 sxs to 3000#. WOC 12 hrs.
9. Top of cement by survey behind 5 1/2" @ 3430'. Base of 9 5/8" csg. @ 4203'.

(OVER)

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

SIGNED B. F. Brawley	TITLE District Engineer	DATE December 28, 1966
APPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

10. Drilled cmt to 6750'. Pressured csg to 2000# for 30 min. Held OK.
11. Drilled cmt and cleaned out to 12,050'. Pressured tested csg. to 2000# for 30 min. Held OK.
12. Perf. 4 holes 12,039-40 for squeeze to insure isolation of Morrow zone. Squeezed perfs in 3 stages (100 sxs each stage) to 8500#. Reversed 20 sxs. WOC 10 hrs.
13. Drilled out cmt and Model "D" pkr and cleaned out to 12,180. Did not find cement below packer indicating communication was upward only.
14. Set Baker Model "D" prod. pkr at 11,975. Ran tbq, set in pkr. Swabbed and well kicked off. Acidized Morrow w/1000 gal BDA. Swabbed and well kicked off flowing to atmosphere rate of 6,000 MCFPD. Shut in well until market connection is made. Monitored annulus pressure for one week and did not note any communication indication.