

Sadie West #2, NW/4 Section 21-T11N-R12W, San Juan County, New Mexico

July, 1964:

- 30 Moved in, rigged up rotary tools. Spudded 2:30 AM 7/30. Now drilling 12-1/2" hole at 200 ft. Deviation 2° at 120 ft.
- 31 Drilling at 300 ft. with 200# gas instead of mud. Deviation 1-3/4° at 237 ft. Ran 7 joints 8-5/8" casing, 226 ft. set at 235 ft, cemented with 140 sx Class "C" cement, 2% calcium chloride. Plug down 12:00 Noon. Cement did not circulate. WOC until 4:30 PM. Ran 30' 1" pipe down outside of 8-5/8" casing. Cemented through 1" with 50 sx Class "C", 2% calcium chloride. Job completed at 6:30 PM. Nipped up. Testing casing at 1,000# for 30 min., O.K. On bottom at 6:00 AM to drill.

August, 1964:

- 1 Drlg at 1600', MW 8.8, vis 33, deviation 3° at 1148'.
- 2 Drilling at 2960, MW 8.8, vis 33, WL 24, FC 1/32. Deviation 3° at 2818'.
- 3 Drlg at 3700', MW 8.9, vis 34, WL 12.4, FC 1/32. Deviation 1-1/2° at 3262'.
- 4 Drlg at 4050', MW 9.0, vis 34, WL 6.8. Deviation 1-3/4° at 4030'.
- 5 TD 4315', twisted off, fishing for drill collars. MW 8.9, vis 36, WL 10. Deviation 3° at 4277'.
- 6 Drlg at 4750', MW 9, vis 43, WL 10, FC 2/32. Deviation 3° at 4453'.
- 7 At 4962', lost circulation, MW 8.8, vis 42, WL 10.2, FC 2/32. Deviation 3° at 4895'. Lost circ. at 9:15 PM at 4962', mixed 550 bbls. mud & pumped in hole, no returns.
- 8 TD 4962', mixed mud w/lost circ matl, vent in hole, set 60 sx Zoogel plug 4 stands off bottom. Pulled 7 more stands, WO plug 4 hrs. Broke circ every 2 stands. SD 1/2 hour to take LCM out of pump. When started circulating, hole got tight. Lost returns, stuck DP.
- 9 Ran free point, failed to get to bottom. Ran string shot, bashed off, left 6 DC in hole, vent in w/jars & bumper sub. Jarred fish loose, recovered fish. Mixed mud w/LCM. Went in hole, reamed to bottom, losing 10% returns. Now drlg at 5024', losing slight amount mud. MW 8.9, vis 48, WL 7.6.
- 10 Drld to 5172', lost returns. Mixed 225 bbls. mud w/LCM, no returns. Spotted 60 bbls. Zoogel plug, job complete 6:30 AM.
- 11 WO plug 6 hrs, reamed to bottom, 30% returns while reaming. Lost complete returns on bottom. Spotted 60 bbls. Zoogel plug, WO plug 6 hrs. Broke circulation 12 stands off bottom. Reamed to bottom, 30% returns. Drld to 5186', lost complete returns. Mixing another plug.
- 12 WO plug 6 hrs, pressured up on plug 500# - OK. Conditioned hole w/full returns. Drld to 5220'. While drlg, had partial to full returns. Lost complete returns while drlg at 5220'. Mixing another plug.
- 13 Drld to 5243', continued losing circulation. Mixed 75 bbls. Zooplug, waited 6 hrs, vent in hole & had full returns. Decreased to 60% returns. Pulled 5 stands, mixed 225 bbls. Zooplug, completed at 4:45 AM this AM. Hole is full. WO plug to set.
- 14 Cleaned out to bottom after setting salt gel plug. Full returns. Drld to 5250', lost 60% returns. Pulled DP, vent in open ended, mixed 35 sx cmt, 35 sx Zoogel, and 1000 gals. Diesel. Spotted plug, pressured up to 250#. WOC 8 hrs, found top of cmt at 4900'. Drld cmt & cmt stringers 4900' to 5053'. Cleaned out to bottom w/full returns. Drld to 5253', lost 90% returns. Pulled up to 3864', full returns. Prep. to set another plug.
- 15 Mixed 50 sx cmt w/50 sx Saltgel, 1500 gals. Diesel oil, displaced w/DP 50' off bottom. No circulation until plug spotted. Pulled up 910', spotted 10 Bw, full returns while spotting water. Pumped 23 bbls. down DP, 12 bbls. down annulus, pumped in at 500#, pressure holding at 300#. Set 12 hrs, found cmt at 4874'. Went out of cement at 4967'. Full returns. Circulating to bottom.
- 16 Drlg at 5680'. Set plug, reamed & washed to bottom, full returns, MW 8.9, vis 44, WL 8.4, FC 2/32, 10% oil, PH 9.5. Deviation 4° at 5439'.
- 17 Drlg at 6068', lost circulation, MW 8.8, vis 43, WL 4.5, FC 2/32. Lost circulation at 6051'. Mixed 225 bbls. mud, did not fill hole. Mixed another 225 bbls. mud, circulation & full returns. Went to bottom, started drlg at 3:30 AM, lost returns at 4:15 AM at 6068'. Now mixing mud trying to regain returns.
- 18 Mixed pit of mud, hit bridge 360' off bottom. Conditioned hole w/full returns. Increased pump pressure, had partial returns. Reduced pump pressure to 400#, full returns. Drld to 6345'. Making trip.
- 19 Making trip at 6733', MW 8.8, vis 50, WL 6.0. Deviation 2-1/2° at 6345'.
- 20 Drlg at 7045', MW 9, vis 45, WL 6.8, FC 2/32. Deviation 3-1/4° at 7000'. Lost approx. 275 bbls. mud at 6966'. Regained full returns in about 4 hrs, & no other lost circ since about 9:00 PM last night.

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ENERGY AND MINERALS DEPARTMENT

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

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
Union Texas Petroleum Corporation

Address  
P. O. Box 1290, Farmington, New Mexico 87499

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input checked="" type="checkbox"/> Dry Gas
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	<input checked="" type="checkbox"/> Condensate

Other (Please explain)

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Sadie West	Well No. 2	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Fed. SF	Lease No. 077651
Location Unit Letter <u>D</u> : <u>920</u> Feet From The <u>North</u> Line and <u>830</u> Feet From The <u>West</u> Line of Section <u>21</u> Township <u>31N</u> Range <u>12W</u> , NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> Gary Energy Corporation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 489, Bloomfield, N.M. 87413					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Southern Union Gathering Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 26400, Albuquerque, N.M. 87125					
If well produces oil or liquids, give location of tanks.	Unit D	Sec. 21	Twp. 31N	Rge. 12W	Is gas actually connected? Yes	When

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Kenneth E. Roddy

Kenneth E. Roddy (Signature)  
Area Production Superintendent  
(Title)

10/3/84

(Date)

OIL CONSERVATION DIVISION

APPROVED

BY

TITLE

SUPERVISOR DISTRICT # 3

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

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

All sections of this form must be filled out completely for allowable on new and recompleted wells.

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

Separate Forms C-104 must be filed for each pool in multiply completed wells.

OCT 10 1984

OIL CON. DIV.  
DIST. 3