SIDE CHE
| API No. 15- 199-20266-000

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- 199-20266-0000 UNIONAL
OIL & GAS CONSERVATION DIVISION 10-13-96	County Wallace County
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	_E/2_E/2_NE_sec36_Tup. 15S_Rge42_X_W
operator: License #30425	1270 Feet from SAD (circle one) Line of Section
Name:DNR Oil & Gas Inc.	220 Feet from E)V (circle one) Line of Section
Address 655 Broadway - Suite 525	Footages Calculated from Nearest Outside Section Corner: , SE, NW or SW (circle one)
City/State/Zip Denver, CO 80203	Lease Name Nickelson Well # 3-36 Field Name Mt. Sunflower S.E.
Purchaser:	Producing Formation Morrow
perator Contact Person:Charles B. Davis	Elevation: Ground <u>3789</u> XB <u>3799</u>
Phone (303) 825-8956	Total Depth 5103 PSTD 1860
Contractor: Name: Murfin Drilling Company	Amount of Surface Pipe Set and Cemented at 376 Feet
License:30606	Multiple Stage Camenting Collar Used?YesX No
Wellsite Geologist: Timothy D. Hellman	If yes, show depth set Feet
Designate Type of Completion New Well Re-Entry Workover	If Alternate II completion, cament circulated from
OilSLOSICWTemp. Abd.	feet depth to sx cmt.
OilSLOSICWTemp. AbdGasENHRSIGWDryX Other (Core, (WSW) Expl., Cathodic, etc) CONVERTED TO WSW. If Workover/Reentry: Old Well Info as follows:	Orilling Fluid Management Plan Re-work, 10-14-98 (Data must be collected from the Reserve Pit)
Operator: DNR Dil & Gas	Chloride content N/A pcm Fluid volume 1000 bbis
Well Name: Nickelson 3-36	Dewatering method used <u>cut windows</u> , let dry
Comp. Date Old Total Depth	Location of fluid disposal if hauled offsite:
Deepening Re-perf. Conv. to Inj/SLD Ptug Back PSTD Commingled Docket No.	Operator Name
Dual Completion Docket No. Other (SLO or Inj?) Docket No.	Lease NameLicense No
12/14/97 12/22/97 9/9/98	Quarter Sec TwpS RngE/W
Spud Date	County Docket No
- Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 12 months if requested in writing and submitted with the months). One copy of all wireline logs and geologist well MUST BE ATTACHED. Submit C2-4 form with all plugged with the submit C2-4 form with the submit C2-4 for	l be filed with the Kansas Corporation Commission, 130 S. Market le spud date, recompletion, workover or conversion of a well. In side two of this form will be held confidential for a period of the form (see rule 82-3-107 for confidentiality in excess of 12. report shall be attached with this form. ALL CEMENTING TICKETS wells. Submit CP-111 form with all temporarily abandoned wells. gated to regulate the oil and gas industry have been fully complied the best of my knowledge.
Signature Ph. 1. A	K.C.C. OFFICE USE ONLY
	F Letter of Confidentiality Attached Vi/4/5V C Wireline Log Received
Subscribed and sworn to before me this and day of	ctober C Geologist Report Received
Notary Public Carrie L. Withd	KCC SWD/Rep NGPA KGS Plug Other
Date Commission Expires April 22, 1999	(Specify)
	· · · · · · · · · · · · · · · · · · ·

East Ounty Wallace County Wallace County Wal	perator Name DNR	OIL & GAS	INC.	Lease Name	Nickelso	on	_ Well #	3-36
RETRICTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests given interval tested, flue tool open and closed, fluening and shurt-in pressures, whether shurt-in pressure reached static temporature, fluid recovery, and flow rates if gas to surface during test. Attach extra sh frame space is needed. Attach copy of log. Fill Stem Jests Taken (Attach Additional Sheets.) Fill Stem Jests Taken (Attach Additional Sheets.) Fill Stem Jests Taken (Attach Additional Sheets.) Fig. No BARNHYDITE AND FORMATION FORMAT	<u>36</u> p. <u>15</u> 5	9180	n ¹					
Authorite Additional Sheets.) Amples Sent to Geological survey	nterval tested, time pdrostatic pressures,	e tool open an bottom hole tem	and base of formation d closed, flowing a perature, fluid recomp	nd shut-in press	sures, wheth	er shut-in pres	SSUFE FEAC	hed static level
ADDITIONAL CEMENTING/SQUEEZE RECORD ADDITIONAL			☐ Yes ☒ No	X Log	Formation	n (Top), Depth a	nd Datums	☐ Sample
Topeka 3930 -131 Topeka 3930 -131 Heebner 4089 -290 Lansing 4196 -397 Marmaton 4511 -712 Cherokee 4710 -911 Morrow Shale 4965 -1166 Dual Induction Compensated Neutron Density CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc. CLING RECORD Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Role Size Lasing Purpose of String Size Role Size Casing Purpose of String Size Role Size Casing Purpose Size Role Size Role Size Casing Purpose String Size Role Size Casing Purpose Size Role Size Casing Purpose Size Role Size Casing Purpose Size Role Size Role Size Role Size Casing Purpose Size Role Size Role Size Casing Purpose Size Role Size Role Size Role Size Casing Purpose Size Role Size Role Size Role Size Casing Purpose Size Role Size Role Size Role Size Casing Purpose Size Role Size Role Size Role Size Casing Purpose Size Role Size Role Size Role Size Casing Purpose Size Role Size Role Size Role Size Casing Purpose Size Role Size Role Size Role Size Casing Purpose Size Role Size Role Size Role Size Casing Purpose Size Role Size R	amples Sent to Geolo	ical Survey	☑ Yes □ No		drite		3	
Heetric Log Run			☐ Yes ☒ No	Topeka		3930)	
Dual Induction Compensated Neutron Density Cusing Record Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Role Orilled Set (in 0.0.) Size Casing Orilled Set (in 0.0.) Surface 12½" 8 5/8" 24 376 60/40 Poz 260 28Gel, 3%C Production 7 7/8" 5½" 14 1903 Common 50 28Gel, 3%C Production 7 7/8" Adoitives Adoitives Adoitives Adoitives Purpose: Depth Top Botton Type of Cement Type and Percent Additives Protect Casing Plug Sack Type and Percent Additives Type and Percent Additives Type and Percent Additives Acid, Fracture, Shot, Cement Squeeze Record Campount and Kind of Material Used) Tubling Record Tubling				Lansin Marmat	g on	419 <i>6</i> 4511	5 L	-397 -712
Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String	Dua	••		Morrow	Shale	4965	5	-1166
Drilled Set (In 0.0.) Lbs./Ft. Depth Cement Used Additives		Report al		New Us	ed stermediate,	production, etc		
Production 7 7/8" 5½" 14 1903	Purpose of String	1		-				Type and Percer Additives
ADDITIONAL CEMENTING/SQUEEZE RECORD ADDITIONAL CEMENTING/SQUEEZE RECORD Purpose: Perforate Perforate Protect Casing Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot Shots Per Foot Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth 4 1755-62, 86-98 TUBING RECORD Size 27/8" 1683 Packer At Liner Run Yes No Date of First, Resumed Production, Producing Method 9/9/98 Estimated Production 9/9/9/8 Estimated Production Oil Bbls. Gas Mcf Water 500 Bbls. Gas-Oil Ratio Gravi Disposition of Gas: METHOD OF COMPLETION Production Interval Vented Sold Used on Lease Open Note Size Production Interval	Surface	12¼"	8 5/8"	24	376	60/40 Poz	260	2%Gél, 3%Ca
ADDITIONAL CEMENTING/SQUEEZE RECORD Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot Shots Per Foot 1755-62, 86-98 TUBING RECORD Size 2 7/8" Date of First, Resumed Production, Flowing Production, Flowing Pumping Gas Lift Other (Explain) Estimated Production Per 24 Nours Disposition of Gas: METHOD OF COMPLETION Doen Note Specify Footage NETHOD OF COMPLETION Production Interval Perforate Type and Percent Additives Type and Percent Additives Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Liner Run Yes No Other (Explain) Production Interval Production Interval Production Interval 1755-98	Production	7 7/8".	5½"	14	1903	Common	50	2%CaCl_
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone Perforate Protect Casing Plug Back TD Plug Off Zone Perforate Protect Casing Plug Back TD Plug Off Zone Perforate Protect Casing Plug Back TD Plug Off Zone Perforate Specify Footage of Each Interval Perforated Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth 1755-62, 86-98 TUBING RECORD Size 2 7/8" 1683 Packer At Liner Run Yes W No Date of First, Resumed Production, Office of Inj. Producing Method Flowing Pumping Gas Lift Other (Explain) Estimated Production Per 24 Nours Disposition of Gas: METNCO OF COMPLETION Production Interval Vented Sold Used on Lease Open Note: Perf. Displication Commission of Commission o						65/35 Pcz	225	3%CaCl,10%G
Perforate Protect Casing Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot Perforate Shots Per Foot Perforation Record - Bridge Plugs Set/Type (Amount and Kind of Material Used) Depth 4 1755-62, 86-98 TUBING RECORD Size 2 7/8" Set At 2 7/8" Set At 2 7/8" Date of First, Resumed Production, Flowing Method 9/9/98 Estimated Production Per 24 Mours Disposition of Gas: METHOD OF COMPLETION Producing Material Method Perforate Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Flowing Pumping Gas Lift Other (Explain) Production Interval Production Interval Vented Sold Used on Lease Doen Note Perf. Duality Comp Commission Commission 1755-98		ADDITIONAL CE	MENTING/SQUEEZE REC	CRD	F *** ***			3/8# ITOCE1
Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth 4 1755-62, 86-98 TUBING RECORD 2 Size 2 7/8" 1683 Date of First, Resumed Production, For Inj. Producing Method Flowing Pumping Gas Lift Other (Explain) Estimated Production Oil Bbls. Gas Mcf Water 500 Bbls. Gas-Oil Ratio Gravi Disposition of Gas: METHOD OF COMPLETION Production Interval Used on Lease Open Hole Perf Divally Comp Compiled 1755-98	Perforate	1 ' 1	Type of Cement	#Sacks Used	Type and Percent Additives			
Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth 4	Plug Back TD						· · ·	·
TUBING RECORD Size 2 7/8" 1683 Date of First, Resumed Production, or Inj. 9/9/98 Estimated Production Per 24 Hours Disposition of Gas: METHOD OF COMPLETION Production Vented Sold Used on Lease Open Hole Record Liner Run Yes No Production Interval 1755-98	Shots Per Foot							
2 7/8" 1683 Date of First, Resumed Production, Flowing Method Flowing Pumping Gas Lift Other (Explain) 8 9/9/98 Estimated Production Oil Bbls. Gas Mcf Water 500 Bbls. Gas-Oil Ratio Graving Per 24 Hours Disposition of Gas: METHOD OF COMPLETION Production Interval Vented Sold Used on Lease Open Hole Perf Dually Comp Commission 1755-98	4	1755-62, 80	5–98			·		
2 7/8" 1683 Date of First, Resumed Production, Spor Inj. Producing Method Flowing Pumping Gas Lift Other (Explain) 8 9/9/98 Estimated Production Oil Bbls. Gas Mcf Water 500 Bbls. Gas-Oil Ratio Graving Per 24 Hours Disposition of Gas: METHOD OF COMPLETION Production Interval Vented Sold Used on Lease Open Hole X Perf. Dually Comp Committed 1755-98	·							
Date of First, Resumed Production, or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain) Stimated Production Per 24 Hours			Set At 1683	Packer At	Liner Run	☐ _{Yes} 🗓	No	
Estimated Production Oil Bbls. Gas Mcf Water 500 Bbls. Gas-Oil Ratio Graving Graving Gas-Oil Ratio Gas-Oil R	Date of First, Resu	med Production		Lucing Method	Flowing 🛛	umping Gas	Lift 🗆	Other (Explain)
Vented Sold Used on Lease Open Hole X Perf. Dually Comp Commission 1755-98	Estimated Productio		l l					Gravit
Other (Specify)	Vented Sold	Used on	Lease Oper		. Oual		•	1755-98