.

## (SUBMIT IN TRIPLICATE)

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budg Appi	get Burcau No. 42 roval expires 12-3	2-R358.4. 1-60.
Land Office		, N.M
	ST 07806	4
.ease No		
Jnit	Carpon	

## SUNDRY NOTICES AND REPORTS ON WELLS

3000 pai. Injected 14,775 gal crude oil with 2# sand/gal. Injected 5 rubber balls, pressure before rubber balls were injected 3150 pai, 4 minutes after 3300 pai, 6 min after 3100 pai. Injected 15,775 gal (with 30 millieuries of Fridium #192) with 2# send/gal. Hamisum pressure 3300 pai, minimum pressure 3100 pai, average injection rube 39 bbl/min							
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SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR  OTICE OF INTENTION TO SHOOT OR ACIDIZE.  SUBSEQUENT REPORT OF ADANDONMENT.  SUBSEQUENT REPORT OF ADANDONMENT.  SUPPLEMENTARY WELL HISTORY.  SUPPLE	OTICE OF	INTENTION TO CHANGE PLANS		SUBSEQUENT REPO	RT OF SHCOTIN	G OR ACIDIZING	
SUBSEQUENT REPORT OF ABANDONMENT  STICE OF INTENTION TO PULL OR ALTER CASING  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  (State of Tables)  (State of T	OTICE OF	INTENTION TO TEST WATER SHUT-	-OFF	SUBSEQUENT REPO	RT OF ALTERIN	CASING	
Supplementary well history  (Indicate above by check mark nature of report, notice, or other data)  (Indicate above by check mark nature of report, notice, or other data)  (Indicate above by check mark nature of report, notice, or other data)  (Indicate above by check mark nature of report, notice, or other data)  (Indicate above by check mark nature of report, notice, or other data)  (Indicate above by check mark nature of report, notice, or other data)  (Indicate above by check mark nature of report, notice, or other data)  (Indicate above by check mark nature of report, notice, or other data)  (Indicate above by check mark nature of report, notice, or other data)  (Indicate above by check mark nature of report, notice, or other data)  (Indicate above by check mark nature of report data)  (Indicate above by check mark nature of report data)  (Indicate above by check mark nature of report data)  (Indicate above by check mark nature of report data)  (Indicate above by check mark nature of report data)  (Indicate above by check mark nature of report data)  (Indicate above by check mark nature of report data)  (Indicate above by check mark nature of report data)  (Indicate above by check mark nature of report data)  (Indicate above by check mark nature of report data)  (Indicate above by check mark nature of report data)  (Indicate above by check mark nature of report nature of the proportion of the data of the proportion of the proportion of the data of	OTICE OF	INTENTION TO RE-DRILL OR REPA	IR WELL	SUBSEQUENT REPO	RT OF RE-DRILL	ING OR REPAIR	
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  (II No. 43-13 is located 1980 ft. from E  (II No. 43-13 is located 1980 ft. from E  (II No. 43-13 is located 1980 ft. ft.  (Field)  (County or Subdivision)  (State or Tentory)  (State or	OTICE OF	INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPO	RT OF ABANDON	MENT	
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, CR OTHER DATA)  April 10  Apri	OTICE OF	INTENTION TO PULL OR ALTER CA	SING			e sameladia	
Carson Batt  Solid No. 43-13 is located 1980 ft. from Solid line and 640 ft. from Elline of sec. 1981  (64 Sec. and Sec. No.)  (Field)  (Field)  (County or Studdylsion)  (State or Turitory)  (State	OTICE OF	INTENTION TO ABANDON WELL			Super v		
Gersen Bait  Oll No. 43-13 is located 1960 ft. from S line and 660 ft. from E line of sec. 147  HE SE 13 258 128 HPPH  (Kee, and Sec. No.) (Twp.) (Range) (Meridian)  Hearti Bat. Sam Jana  (County or Subdivision)  Lelly Bushing  e elevation of the descriptions above sea level is 408 ft.  DETAILS OF WORK  tte names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cemen ing points, and all other important proposed work)  the names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cemen ing points, and all other important proposed work)  26-57 has 184 joints (5022) 4-1/2", 14.98/ft drill pipe as casing cases at 5033 with 200 sachs construction commat. Finished 9:45 P.M. 1-26-28-57  Proposer tested with 1500 pci, 0.4.  5-57 has Germa Bay log with cellur locator. Perforated four 1/2" jets/ft 1289-1897, 1900-1914, 1922-1927, 1972-1982, and 1990-1994.  11-57 Proposer Irrational fi Broke down formation with 110 bile crude cil at 1900 pci, lajorted 14,775 gal crude cil with 25 sand/gal. Injected 1510 pci, 1 minutes after 3100 pci, 6 min after 3100 pci. Injected 1510 pci, 4 minutes after 3100 pci, 6 min after 3100 pci. Injected 15775 gal (with 30 milliouries of Tridium 1972) with 25 sand/gal. Hariman proposer 3100 pci, windiam proposer 3100 pci, average injections may be commenced.  Impany Shell Cil Company  deess 108 Borth Behrend Avenue		(INDICATE ABOVE	E BY CHECK MARK N	ATURE OF REPORT, NOT	ICE, CR OTHER I	ATA)	ii
Sell No. 3-13 is located 1920 ft. from Siline and 600 ft. from E line of sec 1921  BE SE 13 255 126 BBPN  (A Sec and Sec. No.) (Twp.) (Range) (Meridian)  Beth Bath. Sam Juan (Meridian)  (State or Tuttory)  Relly Bushing (County or Subdivision)  (State or Tuttory)  Relly Bushing (County or Subdivision)  (State or Tuttory)  Relly Bushing (County or Subdivision)  (State or Tuttory)  Relly Bushing (State or Tuttory				A	pril 10		, 19 <b>57</b>
(Field)  Kelly Rushing  the elevation of the dentification above sea level is 400 ft.  DETAILS OF WORK  the names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)  26-57 has 184 joints (5022') 4-1/2", 14.98/ft drill pipe as casing consented at 5033 with 200 sachs construction commit. Finished 9:45 P.H. 1-26-5  Pressure tested with 1500 pci, 0.K.  5-57 has Games by log with celler locator. Perforated four 1/2" jets/ft 4889-4897, 4900-4914, 4922-4927, 1972-4982, and 1990-4994.  11-57 has Games by log with celler locator. Perforated four 1/2" jets/ft 4889-4897, 4900-4914, 4922-4927, 1972-4982, and 1990-4994.  11-57 has true tested 14,775 gal crude oil with 2 sand/gal. Injected 3000 pci. Injected 14,775 gal crude oil with 2 sand/gal. Injected 15,775 gal (with 3) milliouries of Iridium fig2) with 2 sand/gal. Hasinum pressure 3100 pci, minisum pressure 3100 pci, average injection reads 33 bhl/min  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Shell 011 Company  108 Borth Behrend Avenue	ell No.	49-13 is located 19		${S \atop S}$ line and	ft. from	$n \stackrel{E}{\longleftrightarrow} line of s$	Thr
(Field) (County or Subdivision)  Lelly Bushing e elevation of the districtions above sea level is (100)  DETAILS OF WORK  Its names of and expected depths to objective sands; show sizes, weights, and longths of proposed casings; indicate mudding jobs, cemen ing points, and all other important proposed work)  16-57 Inn 184 joints (5022') 4-1/2", 14.98/ft drill pipe as casing consulted at 5033 with 200 sache construction commit. Finished 9:45 P.H. 1-26-5  Prossure tested with 1500 pci, 0.K.  5-57 Inn Genna Bay log with collar locator. Perforated four 1/2" jets/ft 4389-4397, 4900-4914, 4922-4927, 4972-4982, and 4990-4994.  11-57 Instruction of Tractions of Traction with 110 bids crude oil at 1000 pci. Injected 14,775 pci crude oil with 25 sand/gci. Injected 15,775 pci (with 30 millionries of Traction fifs) pci. Injected 15,775 pci (with 30 millionries of Traction fifs) pci. Injected 15,775 pci (with 30 millionries of Traction fifs) pci. A sand/gci. Maximus pressure 3100 pci, minimus pressure 3100 pci, average injection may be commenced.  The same Bearth Behrend Avenue.  108 Bearth Behrend Avenue.		·	(Twp.) (R	tange)	(Meridian)		5 16 195.
DETAILS OF WORK  to names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cemen ing points, and all other important proposed work)  26-57 Inn 18t joints (5022') 4-1/2", 14.98f/ft drill pipe as causing commuted at 5033 with 200 machs construction commut. Finished 9:45 P.M. 1-26-58-57 Pressure tested with 1500 psi, 0.K.  5-57 Inn Canna Ray log with cellar locator. Perforated four 1/2" jots/ft 4889-4897, 4900-4914, 4922-4927, 1972-4982, and 4990-4994.  11-57 Institute Treatment f1 Broke down formation with 110 bbls crude cil at 3000 psi, Injected 14,775 gal crude cil with 2f sand/gal. Injected 5 rubber balls, pressure before rubber balls were injected 3150 psi, 4 minutes after 3300 psi, 6 min after 3100 psi. Injected 15,775 gal (with 30 millicuries of Tridium #192) with 2f sand/gal. Harimus pressure 3300 psi, minimus pressure 3100 psi, average injection was bl/min I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Shell Oil Company  dress 108 Berth Behrend Avenue	Met		(County or 8	Subdivision)		State or Torritory)	CC
DETAILS OF WORK  Attended and expected depths to objective sands; show sizes, weights, and longths of proposed casings; indicate mudding jobs, cemening points, and all other important proposed work)  26-57 Inc. 184 joints (5022') 4-1/2", 14.98/ft drill pipe as cassing consented at 5033 with 200 sacks construction commet. Finished 9:45 P.M. 1-26-528-57 Procesure tested with 1500 pai, 0.L.  5-57 Inc. Same Ray log with collar locator. Perforated four 1/2" jots/ft 4889-4897, 4900-4914, 4922-4927, 4972-4982, and 4990-4994.  11-57 Procesure Treatment #1 Broke down formation with 110 bbls crude cil at 3000 pai. Injected 14,775 gal crude cil with 2/ same/gal. Injected 5 rubber balls, procesure before rubber balls were injected 3150 pai. 4 minutes after 3300 pai. 6 min after 3100 pai. Injected 15,775 gal (with 30 millicuries of Tridium #192) with 2/ same/gal. Haximum procesure 3300 pai, minimum procesure 3100 pai, average injection rubbe 33 bbl/min  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Shell Cil Company  108 Borth Behrend Avenue			•		,	tho T	, CV. 3
DETAILS OF WORK  the names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)  26-57 has 184 joints (5022') 4-1/2", 14.98//ft drill pipe as casing consented at 5033 with 200 sands construction commet. Finished 9:45 P.H. 1-26-5  28-57 Pressure tested with 1500 psi, 0.I.  3-57 has Games bay log with cellar locator. Perforated four 1/2" jets/ft 1289-4897, 4900-4914, 4922-4927, 4972-4962, and 4990-4994.  11-57 Pressure Treatment fi Broke down formation with 110 bbis crude cil at 3000 psi. Injected 14,775 gal crude cil with 2/ sand/gal. Injected 9 wither balls, pressure before rubber balls were injected 3150 psi, 4 minutes after 3500 psi, 6 min after 3100 psi. Injected 15,775 gal (with 30 millionries of Iridium #192) with 2/ sand/gal. Maximus pressure 3300 psi, minimus pressure 3100 psi, average injection may be commenced.  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Shall Oli Company  diress 108 North Behrend Avenue	e eleva			l is <b>6406</b> ft.		13.	Dia.
Attended of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)  26-57 Nam 184 joints (5022) 4-1/2", 14.98/ft drill pipe as casing camented at 5033 with 200 sacks construction commit. Finished 945 P.H. 1-26-5  28-57 Pressure tested with 1500 pai, 0.K.  5-57 Nam Samma Ray log with cellar locator. Purforated four 1/2" jets/ft 4289-4897, 4900-4914, 4922-4927, 1972-4952, and 4990-4994.  11-57 Pressure Transform fil Broke down formation with 110 bhis crude cil at 3000 pai, Injected 14,775 gal crude cil with 24 sand/gal. Injected 5 rubber balls, pressure before rabber balls were injected 3150 pai, 4 minutes after 3300 pai, 6 min after 3100 pai. Injected 15,775 gal (with 30 milliancies of Iridium #192) with 24 sand/gal. Harinum pressure 3300 pai, minimum pressure 3100 pai, average injection as 33 Mil/min  I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Shell Oil Company  108 Forth Behrend Avenue							
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28-57 Pressure tested with 1500 pai, 0.K.  5-57 Ann Gamma May log with celler locator. Perforated four 1/2° jets/ft 4269-4697, 4900-4914, 4922-4927, 4972-4982, and 4990-4994.  11-57 Pressure Treatment fi Broke down formation with 110 bhis crude cil at 3000 pai. Injected 14,775 gal crude cil with 2f sand/gal. Injected 5 rubber balls, pressure before rubber balls were injected 3150 pai, 4 minutes after 3300 pai, 6 min after 3100 pai. Injected 15,775 gal (with 30 millieuries of Fridium f192) with 2f sand/gal. Harimum pressure 3300 pai, minimum pressure 3100 pai, average injectiourrate 33 bhl/min I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Shell Cil Company  Idress 106 Horth Behrend Avenue	26_57	New 184 foints (40)				es cosine	computed
3-57 has Gamma Bay log with celler locator. Perforated four 1/2° jets/ft 4289-4297, 4900-4914, 4922-4927, 4972-4982, and 4990-4994.  11-57 Presture Treatment fi Broke down formation with 110 bhis erude cil at 3000 pai. Injected 14,775 gal crude cil with 2f sand/gal. Injected 5 rubber balls, pressure before rubber balls were injected 3150 pai, 4 minutes after 3300 pai, 6 min after 3100 pai. Injected 15,775 gal (with 30 millicuries of Iridium \$192) with 2f sand/gal. Maximum pressure 3300 pai, minimum pressure 3100 pai, average injection rube 33 bhl/min I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Shell Oil Company  Idress 106 Borth Behrend Avenue	to	at 5033 with 200 a					
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11-57 Proture Treatment fi Broke down formation with 110 bhis crude oil at 3000 pmi. Injected 14,775 gal crude oil with 25 sand/gal. Injected 5 rubber balls, pressure before rubber balls were injected 3150 pmi. A minutes after 3300 pmi, 6 min after 3100 pmi. Injected 15,775 gal (with 30 millieuries of Iridium \$192) with 25 sand/gal. Harinum pressure 3300 pmi, minimum pressure 3100 pmi, average injectiourrate 33 bhi/min I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Shell Oil Company  Idress 106 North Behrend Avenue			•	•		٠	
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I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.  Shell Gil Company  Idress 108 Forth Behrend Avenue		7			2 and	gel. Marin	n product
ompany Shell Cil Company Idress 108 North Behrend Avenue		3300 pei, minimum	pressure 31	00 pai, aver	ge injec	Lieu Tube J	MATANTE.
dress 108 North Behrend Avenue	understa	and that this plan of work wares	eceive approval in w	riting by the Geologica	l Survey before	operations may be c	ommenced. (
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Paralagton, Son Muxico  By Bu Shipand  B. W. Shapart	mpany			···			
B. V. Shourd		Shell Cil Company	Avenue				
		Shell Cil Company 108 North Behrend		Ву	Bh	Shipand	······································

## 3-11-57 - Continued

Displaced and everflushed with 193 bhis crude eil. Shut in pressure 800 pei after 7 min. Total lend and free eil to recover 1104 bhis.

- 3-20-57 Sambbed 2 him, 30 bbls, flowed 22 hrs, 489 bbls gross, 489 bbls edl, (531 B/D rate) out 0.25.
- 3-21-57 Flored 24 Mrs, 476 bbls grees, 476 bbls edl, cut 0.1%, 64/64" been no gas measurement, TP 100.
- 3-22-57 Flored 4 hrs, 61 bbls gross, 61 bbls edl (366 B/D rate), out 0.25, 64/64\* been. No gas measurement. (Here recovered all lead and frac edl plus 52 bbls formation edl.)
- 3-23-57 Figure 24 hrs. 463 bbls green, 463 bbls oil, 0.25 ext, 64/64" bean 238 MCF/b, 10 GOR, TP 80, CP 440.

HEPRISECTATIVE INITIAL PRODUCTION (3-30-57)

Floring 219 3/8 gross, 219 3/8 etl, cut 0,1%, 64/64" hear, 164 HCF/S, GGR 750, TF 60-80, CP 480, Campleted 3-23-57.